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STARTING IN POULTRY WITH \$75—McCULLOUGH

NOVEMBER, 1908

# THE INDUSTRIOUS HEN

ONE YEAR 50c.—THREE YEARS \$1

AN ILLUSTRATED MONTHLY  
FOR  
POULTRY, LIVE STOCK AND THE FARM

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**THE INDUSTRIOUS HEN**  
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# THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 5

Knoxville, Tenn., November, 1908

(Whole No. 54) No. 6

## STARTING IN POULTRY WITH \$75.

WRITTEN FOR THE INDUSTRIOUS HEN BY PLUMMER McCULLOUGH



HIS year will see many a "new creature" taking up poultry keeping for a living or past-time. There will be scores of people wanting to start and don't know how to proceed. Probably some of my readers have saved up \$75.00 or \$100.00 expecting to make a start this fall but don't know how to begin. It is to this class that I write this article, for I am going to tell you the way I would invest \$75.00 if I was making a start in the poultry business. I will not say it is the only way or even the best way, but after years of experience which was not all easy sailing I assure you. I believe the rule that I now lay down to my readers as good as any. I am supposing you have your land leased, or own the property where you live.

The \$75.00 is to give you a foundation in the poultry business only. With \$75.00 we must go very slow, as we could blow it in and not have much to show for it very easily. My first investment would be \$1.00 for three good reliable poultry papers. The *INDUSTRIOUS HEN* being one of them. They cost 50c each per year but if you take three and send in your order to one paper you can get a special clubbing rate and get the three for \$1.00, thus saving 50c. I would also send \$1.50 with this for a copy of the *Standard* and 50c more for a "breed book" of your favorite variety, for of course I suppose you have your variety chosen. When these come I would study my *Standard* and read every page of my poultry papers and get familiar with the leading breeders of the variety you are about to take up. After I read my papers thoroughly I would send to three or four of the breeders that struck my fancy for their catalogs. When they arrived I would read them from cover to cover. Compare prices and quality, and pick out the breeder that in your opinion would give you the best value for your money. Don't fool with some "cheap John." We have no time for this kind here. Be sure the breeders stock has the three important characteristics I spoke of in last month's article, namely, "correct breeding," "strong constitutional vigor" and "good individual quality." When you are sure of these things and also feel that the breeder is square and all right I would write him a nice letter telling him you wanted to buy a pen of six females and one male and would pay \$35.00 for same. For this price you would expect six \$5.00 females and a \$10.00 male, making a total of \$40.00 but if taken in a pen it could be bought for \$35.00. I would make a breeder guarantee the birds all O. K., or my money back. Also tell him that if you want any advise from him in the future that he is to give it to you and assist you in any way he can without charge. If he seems willing I would send him \$35.00 and tell him to send me the best birds he possibly can for the money; but don't go and describe a perfect pen of fowls and then tell him you want the birds all as good as the description. That is foolish. Don't do it. Tell him to mate up the pen for breeding purposes as he can do that much better than you, as he knows his breeds. After you have sent your order for the pen of birds get to work and build a neat little house for them so as to have it ready when they arrive. It need not be expensive. I would go to a clothing store and buy five or six large dry goods boxes. Tear these apart and you will find enough lumber to build a house large enough for your seven birds. These boxes can be bought anywhere at 50c each, sometimes less. If you don't want to do this buy two piano boxes and make a piano box house. In either case I would make a shed

roof colony house 5x10 feet, seven feet high in front and 5 feet at the back. Place a couple of nest boxes, a dust box and a couple of roosts in one end. A coat of white wash would improve the whole building. The whole house need not cost a cent over \$7.00. You will also want a yard for them, so go and buy 250 feet of wire netting three feet high. To this I would put a foot board at bottom making you a four foot fence which will hold any of the American breeds. The netting will cost you 1½c per foot and the 250 feet will cost you \$3.75, but counting for posts, staples and bottom board we will put the yard down at a cost of \$5.00, and it should not cost a cent more. This will give you a yard 100 feet long and 25 feet wide. After you have your yard built I would go to my miller and buy 2 bu. of shelled corn which will cost you about \$1.60—2 bu. wheat, \$1.80—2 bu. oats, \$1.00. Also 50c bag of oyster shells; total, \$4.90. I would also get from my miller 50 lbs. bran, 50 pounds wheat middlings, 50 pounds corn meal and 25 pounds of oil meal. This will cost a total of \$2.75. I would mix this all together and get it well mixed. This is known as a "dry mash" and is fed in a hopper and is kept before the birds all the time. It keeps them healthy and in good condition and is a great addition to the bill of fare. Of course the regular grain ration is to be fed besides this. After I had my feed bought I would hang on to the rest of my money till the birds came. Upon their arrival you will have about \$2.00 express charges to pay. If the birds are all O. K. (and I am sure they will be if you have bought from a reliable breeder) I would take them home and put them in their new house which should previously had a litter of straw or chaff scattered on the floor for them to scratch in. A pan of fresh drinking water should be set in the pen and a hopper or small box full of the "dry mash." After they have rested a few hours you may give a light feed of grain in the litter for them to scratch in. I have no set rules for feeding. In real cold weather I feed much more corn than I do in moderate weather. If corn is fed, feed it at night. A pint of feed three times a day should be sufficient for this pen of seven birds with the "dry mash" before them all the time; but you can tell much better what your pen requires in the feed line by studying their wants than I can tell you here. This feed should last you for a long time. In fact long enough till your hens make you enough to buy more. After I had my pen comfortably housed I would now send a small advertisement in to some good reliable poultry paper for one year. Don't offer anything for sale. Just let people know you have a certain breed of fowls and that they are O. K., and that later on you will have something to sell. I would use a classified advertisement in a large poultry paper. You will not need much space, but thirty words should answer the purpose. The "ad" will probably cost you \$10.00. I would also send \$2.00 for some printed stationery, with my name, the breed of my fowls neatly printed on these and a good cut of the variety I breed on the letter heads and envelopes. You will not need these now but will later on, so put them away for future use. We will now count up and see if we have any of our \$75.00 left.

Poultry Papers .....	\$ 1.00	House .....	7.00
Standard .....	1.50	Yard, etc. ....	5.00
Breed Book .....	.50	Stationery .....	2.00
Fowls .....	35.00	Advertisement ..	10.00
Express on same .....	2.00		
Feed, oyster shells, etc.	7.60		
			\$71.60

\$71.60 from \$75, leaves \$3.40

We still have left \$3.40. I would take this and next



spring I would buy setting hens to set my eggs under. I would not attempt an incubator the first year. After you have learned how to successfully hatch and rear chickens with a hen then you can try an incubator and brooder but not till then. When spring comes I would raise all the young stock I possibly could. You will likely have some inquiries from your "ad" wanting eggs and if you do I would not sell only enough to pay for the advertisement, setting all the rest myself. Don't give your eggs away. Eggs from such a pen should be worth \$2.00 per setting at least. When you get a letter asking prices on eggs etc., answer it promptly and if you have no eggs to spare tell him so and tell him you hope to have some fine young stock for sale this fall. By the way you should change your "ad" once in a while so as to keep it alive. When fall comes you should have at least one hundred head of young stock if you have had any kind of success. You will probably want to increase your flock for the next year, so pick out eight of your best pullets and mate to your old cock bird. Then pick out your best cockerel and mate to your hens. This gives you two pens and if you want three pens you can pick out the eight best remaining pullets and the second best cockerel and mate them up for your third pen. In mating up your pens always mate to overcome defects. Never mate two defects together. If your male is poor in comb have your females strong in this section and so on down the line. After you have taken out your own breeding

poultry by all means. Keep "Quality, not Quantity." Do what you do right. Give every customer a square deal and I am sure that you will think the \$75.00 well and profitably spent.

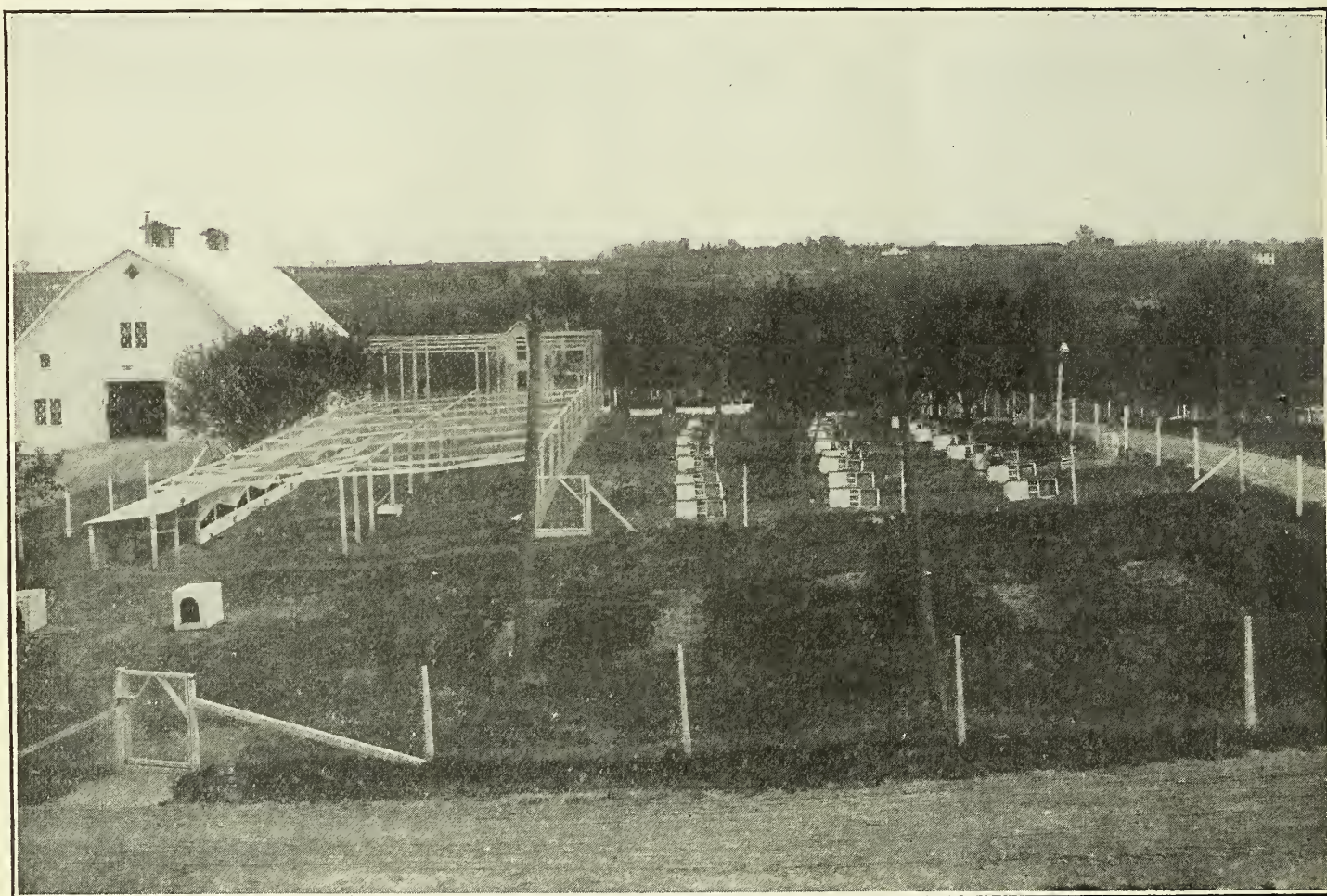
#### INDEXING THE HEN.

Marshall, Texas, Oct. 5, 1908.

Mr. L. B. Audigier, Industrious Hen, Knoxville, Tenn.

My Dear Old Friend:—Have just read THE INDUSTRIOUS HEN through, from cover to cover, and re-read a few of the most interesting articles, marking such information as I may wish to refer to at some later date; and now, as I start to "indexing" this copy, I wonder if any of your subscribers get the pleasure I do out of the old HEN, and if they "know how" to get the best results? If you think it worth its space, you might give the following a place in your columns:

Buy half a quire of fool's cap paper (8 1-2x14 inches) and cut it to the exact size of THE HEN, which is 8x11 5-8 inches, and make an index. Get smallest size belt punch, and placing the index on a copy of THE HEN, punch two or three holes through index and HEN, on inside margin—not close enough to the edge to tear out—then string them together with a good strong string, or a copper wire. Read THE HEN carefully, and index each article, and *each separate piece of information* contained in each article. Keep this system up and you will be amazed at the amount of valuable informa-



Brood and Nursery Yard on the Kellerstrass Farm, R. F. D. 1, Kansas City, Mo., where over 6,000 Crystal White Orpingtons were raised last season. It's one of the world's greatest poultry plants.

pens and have sold the culls for market (for you will have a few) you should offer the remaining cockerels and pullets for sale in your "ad" and you will no doubt be able to get sale for all you have to spare. Give every man his money's worth and just a little more. Make a pleased customer out of everybody. If you think you will need more advertising space now it is up to you to contract for it. Renew your poultry papers when the time is out and study them thoroughly. I could cover pages telling you how to feed your chicks and a thousand other things but don't think it necessary. Your poultry papers should do that. In closing let me say to never take up more than one breed at first and then a solid colored variety is best I think for the beginner. Nothing will beat the White Ply. Rock for an all purpose fowl and you would make no mistake by choosing them. Don't expect these six hens and a cock to make you rich the first year. Make haste slowly. Better go a little slow and learn as you go than to jump in head over heels and loose everything. Study your fowls and keep them tame. Study your Standard and get familiar with the defects and cuts in different sections. Read your poultry papers and read them well. Show your birds at every opportunity. Keep an account with your

tion you will have "at your finger's end" in a few months.

One example will suffice to illustrate my system—a few days ago I took off a hen with some exceptionally fine Barred Rocks and the first thing I thought of was "How shall I feed?" Turning to the index, I found under F, "Feeding—page 503," and turning to this page I found an interesting article by Dr. N. W. Sanborn, giving in detail his method of feeding from the "first feed" to the "old stock."

No matter what question comes up, a reference to THE HEN index will throw some light on it, and often a dozen different expressions on the same subject.

Read THE HEN, and if you want to get the full benefit keep every copy, and *keep your index up.*

Your friend,

W. A. ADAIR.

After long experience and numerous experiments, Prof. Rive of Cornell decides on two or three points as involving the most important points in brooding chicks. There must be a temperature of not less than 100 degrees at some point where the very young chicks can always reach it. They must be able to get away from this heat. They must have pure air at all times. They must have a good-sized brooder.



FOUR GREAT FAIRS—NASHVILLE, MEMPHIS,  
HUNTSVILLE, BIRMINGHAM.

THE great State Fair at Nashville was undoubtedly a success, and those who made it so are deserving of unstinted praise. So much has already been said commendatory of this fair that anything we might add here would simply be a repetition of words. Suffice it to say that be there a man who thinks that Tennessee cannot produce the best of everything that grows in this climate, including fine horses and pretty women, we will see that he is the guest of honor of the state fair managers next year.

While there were great crowds they were handled without friction and everybody was happy and had a good time. Secretary Russwurn, his able lieutenants and the heads and assistants of every department were thoughtful, attentive and kindness itself to the throng of people. We want to especially speak of Secretary Russwurn, Mr. Frizzell and Mr. Murkin for courtesies shown THE HEN's representative.

Over 150,000 people attended during the week. There were so many that the buildings and even the grounds were packed.

State fair people of other states were there admiring and praising every feature of the great exhibit, including the live stock. Among them were Jas. F. Fleming, secretary of the Ohio State Fair at Columbus; J. W. Newman, secretary of the Kentucky State Fair at Louisville; Frank C. Weldon of Atlanta, secretary of the Georgia State Fair. George S. Barnes, Birmingham, secretary of the Alabama State Fair; R. M. Williams, Memphis, secretary Tri-State Fair; George Darwin, superintendent poultry department Tennessee Valley Fair Association, Huntsville, Ala., and others.

And now that the great fair has been a success it is proposed to enlarge the buildings next year, put up new ones, build more stock pens and put it under State control. There is room here for an argument, but we haven't time to discuss it at length.

A number of citizens of Nashville bought the present site a few years ago, and by their good judgment and business acumen have built up an organization that is a credit to the entire South. If they have made money by it they deserved to. They have done for the State what the State has never been able to do for itself. Place it now in the hands of a commission representing the commonwealth, and unless history fails to repeat itself, in a few years we will be where we were a few years ago—going backward. Let the good work go on. Encourage these gentlemen by building a large and commodious county building and granting such concessions as seem wise to a body of business men. We trust the State will not go backward in trying to go forward.

The mecca of our journey was the poultry department of this great fair. Supt. Jno. A. Murkin, assisted by "Bob" Jones and A. J. Bearden had everything in good shape the first day, though entries continued to arrive until the third. Over 3000 birds at this season of the year from fifteen states was glory enough for one man. Everybody was singing Murkin's praises, for it was he who had brought together this great aggregation of the feathered tribe. They were there from everywhere. It seemed more like a St. Louis exposition or a Jamestown poultry show than it did a department of a State Fair. He even went away up into Kansas City, Indianapolis, Columbus, O., and not satisfied with that invited our friend DeGraff, of Amsterdam, N. Y., to come down. "Peggy," the great \$10,000 Crystal White Orpington hen of Ernest Kellarstrass, was there, and she was the whole show. Thousands came through the gates to see "Peggy" and they saw thousands of other birds. Interest was aroused by those who had never thought of them except for table use. The governors of Arkansas and Mississippi asked to be presented to Mr. Robert Kellarstrass, a son of his father, in order that they might worship at the shrine of "Peggy." Judges Drevenstedt, Pierce, Campbell and Fowler said they had never seen such a show this time of the year anywhere. The birds there were good ones too, Rhode Island Reds as a class leading. In this article it will be impossible to mention all our friends, for THE HEN certainly was popular; and we want to take this occasion to thank them one and all for their words of praise and appreciation of this journal's efforts towards giving to them a good, practical poultry magazine. Elsewhere in their proper classification will be found many new advertisements and special write-ups of many of them, showing what they have, their winnings, etc.

*Tri-State Fair at Memphis.*

While this was the first fair Memphis has attempted in many years it was a great success. Everything was new and on a large and liberal scale. The grounds were spacious, im-

mense buildings and fine exhibits. The poultry shown there was good, and we were pleased to note that the desire to learn of fancy poultry was increasing. Over 600 attendants at the poultry department subscribed for THE HEN, which is the best indication we know of that they are interested.

We are specially indebted to Messrs. R. C. Stockton and C. E. Cole for courtesies shown us. We visited the former's home of White Wyandottes and found some excellent birds well cared for and in good condition. Mr. Stockton is an enthusiastic breeder, and while he only handles them for past time, gets a great deal of pleasure from them, besides he makes them pay. Mr. Cole is likewise an interesting breeder of S. C. White Leghorns and B. P. Rocks, but on account of lack of time did not get to see his birds.

*Huntsville, Ala.*

From Memphis we visited Huntsville, the home of the Tennessee Valley Association, and found a great many enthusiastic breeders. While the number shown was not so large, there were no bad birds in the show, and a great many good ones. Supt. George Darwin was the cause of it all. His birds were well cooped, ably handled and well cared for. Judge Luttrell, and a more conscientious gentleman we never met, placed the ribbons to the satisfaction of all. Rev. Dr. S. E. Wasson, Jr., with his noted Buff Orpingtons of Twickenham farms were there, and they attracted considerable attention.

*Birmingham State Fair.*

We had decided to make the circuit before we left home, and of course the Great Iron City was included. Here we found a great fair in full blast, officered by a genial set of business men who showed genuine southern hospitality to all who chanced to come within range of their cable tow. Secretary Barnes and Treasurer Green won the praises of every one for the able manner in which the affairs were conducted.

We found THE HEN in great favor, over 700 poultrymen adding their names to our subscription list here. Elsewhere will be found special notices and the advertisements of some of the Alabama breeders.

A partial list of the official winnings at Nashville are published on page 624. Supt. Murkin, on account of the enormous amount of work involved, has not been able to furnish the others yet.

*Fair Notes.*

One of the most attractive exhibits at Nashville was the Rogers Brooder Co., of Lebanon. Mr. Rogers had a merry brooder full of young chicks, and they created a great deal of interest. Poultrymen were especially pleased with the brooder built by this firm. It seemed to come nearer reaching perfection than anything yet shown, and Mr. Rogers was busy all the time explaining its workings and showing its good qualities to interested parties. We had hoped to have an illustration for this issue, but photoes were delayed until too late. See ad. elsewhere.

Among the prominent poultrymen were Theo. Hewes, of the Inland Poultry Journal who was delighted with our great southern fall show.

The Hartman Stock Farm Poultry Yards, Columbus, O., H. B. Hark, manager, was there with a string of all the leading classes. His birds alone made a big show. They were handsomely cooped, and well cared for and Mr. Hart secured some of the best prizes. See their add in this issue and write for catalogue.

Tennessee is one of the greatest Turkey states going. The exhibit of these grand birds was very fine. Among the winners were Mrs. W. J. Landess, Fayetteville, Tenn., who won first cockerel and first pullet.

E. B. Irvan, Hardin, Ky., came in for some good winnings on his Black Orpingtons, and Black Tail Japanese, at Nashville and Memphis. See his ad. elsewhere.

Col. and Mrs. J. C. Shofner, of Mulberry, Tenn., were interested visitors. Mrs. Shofner has been the editor of the Turkey Department of THE HEN for five years, and is considered the most successful turkey raiser in the South.

Col. J. S. Davis, of Lewisburg, the big hearted, was there and bought a pen of White Wyandottes for \$75.

J. A. Norton, one of the old time breeders, made some nice winnings on his R. I. Reds and White and Barred Rocks. He sold a pen of White Rocks to be shipped to England for \$300. His birds were greatly admired for he had some good ones. Look up his ad.

C. W. Eady, Guntersville, Ala., at the Birmingham Fair, had a fine string of Reds. He won some handsome ribbons in a hot class and has some stock and eggs for sale. See his winnings in his ad. in this issue.

McFerrin's Eureka Plymouth Rocks, barred and white, Springfield, Tenn., were admired by all comers. He is a



conscientious breeder and made some good winnings as shown in his ad.

Miss Alice Pelton's Black Langshans and White Orpingtons attracted their share of attention, for they were beauties. Her ad. of the Park Poultry Pens, Nashville, shows that she has a variety of prize winners.

James M. Frank, Nashville, had some beautiful Reds and won some good prizes in Nashville and Birmingham. His famous "Red Feather" cock will head his yard and eggs may be secured for \$5 for 15. Look up his ad.

E. L. Doak & Son showed White Wyandottes that are bred for beauty and business. Mr. Doak takes great pride in his birds and wins wherever he shows. His Greenwood Poultry Yards are beautifully situated and he spends much of his time with his feathered beauties among the groves of his country residence. Mr. Doak's birds will please you. Ask for his illustrated circular and prices, and look up his ad. in this issue.

Chas S. Moss had some great S. C. Black Minorcas that were hard to beat. He got prizes too. See his list of winnings elsewhere and write him your wants.

Mrs. Frank Langford, the original Red breeder in Tennessee, satisfied herself and her friends with her winnings. Mrs. Langford's Reds have grown up with her. She was one of the very first to see their good qualities, and breeding with care and intelligence has seen the products of her yards win everywhere. Her birds made a clean sweep at Memphis, \$25 special for best display; \$25 cup for best pen. Seven out of possible nine firsts at State Fair, Nashville; \$25 gold special for best display in show. Stock and eggs for sale from line-bred winners from Madison Square Garden to Texas.—L.B.A.

\* \* \* \*

#### HUNTSVILLE, ALA., POULTRY SHOW.

*Editor Industrious Hen:* The interest in the poultry business is steadily growing in this section. Both fancy and utility breeders are increasing. One sees a very perceptible improvement in the fowls now over those commonly found only a few years gone. Probably the most widely distributed varieties just now are the Barred Rocks, White Rocks, White Wyandottes, Brown Leghorns, R. I. Reds. But there are others. The Orpingtons are new, but they are receiving notice and attract much attention. It seems strange that no really great poultryman has been developed in this section. Naturally there are many things to make this southern country the home of large poultry plants. Climatically this is the location. Plants could be equipped at much less expense. Weather exposure is reduced to a minimum here. Hatching and outdoor runs could be operated practically all seasons of the year. The laying season never stops. Combs are rarely frosted and diseases are minimized owing to the gentle and temperate weather. Feed stuffs can be raised with as little effort as anywhere in the world. If one purpose to buy feed it is always to be had at as small cost as any where in the world. Green stuff of almost endless variety can be had at all seasons. Soil is of natural adaptation, and the abiding sunshine makes the South the natural field for poultry raising. Persons of practical knowledge and some money could buy lands cheap and secure labor at fair prices and engage in this business with every promise of success. The fact that our cities are beginning to develop into great centers of life and industry within the last few years insures a steady home market for the product of the poultry farm. Truly this is the opportune time for some thrifty persons to anticipate the future of a great business and get in at the least cost and share the greatest profit. Not only the utility trade, but the fancy trade is also growing. Lovers of the beautiful and meritorious are giving more attention to fine grades of live-stock of all kinds now than ever before. That the market for fancy poultry will rapidly become one of the best in the world is assured by the traditional pride and love of the best so characteristic of the South. Recent fairs and poultry exhibitions have been the best ever held in this section. The great State Fair at Nashville won the appreciation of people of every section of the country. The Tri-State Fair at Memphis was the best ever held in that great city. More attention was paid the poultry exhibit at both these Fairs than ever before. The Tennessee Valley Fair at Huntsville, Ala., Oct. 6-10, was a splendid achievement for the promoters. And its next year will be a larger and better exhibition than any preceding effort. The poultry exhibit here was small, but of fine character. Sherman Luttrell, Waverly, Ill., was engaged as judge. He did great service to the industry. His work was universally approved. He proved a careful, conscientious, pains-taking man, one familiar with all the points of his duty and believing it to be of some importance that he help the exhibitors to realize the weakness in their stock as well as delight in the prizes won.

His work was so eminently satisfactory that he was easily the most popular visitor at the fair. His services were in demand also as a judge of fine stock, mules, cattle, and horses. And he was conscripted and placed in the field as one of the judges in the baby show. Even here his judgment was applauded and his popularity never suffered. Mr. Luttrell has made a name as a breeder of the Orpington chicken, and it is not a strange thing for he has method and intelligently pursues his work in honest effort to win. Alabama needs several men like him to come and make a home here and show the South the true method of progressive farming.

I can not forbear to say a word concerning the representative character of men who exhibited poultry at our local fair. Rivalry and diverse opinion never dribbled into criticism. A perfectly pleasant and fraternal temper prevailed. The Tennessee Valley Poultry Association is being organized and another regular poultry show will be pulled off some time in the winter. Then the birds will be in much better condition. I hope the editor will come and be with us in the show when it comes off. My Orpingtons won all the prizes here. And my cockerel won 1st at Memphis. Already I am feeling quite proud of the mastery a few winnings assures. I have just been dignified with the office of State V. P. of the National S. C. Buff Orpington Club, and have just come in touch with the spirit of the breeders. I am sure there is much pleasure and reasonable profit in a well managed fancy poultry business. In a small way, I am going to do what I can to give the fraternity a good name and some honest assistance in this southern country. With the help of such a paper as yours, I am sure the breeders' efforts for better stock and better profit will not be fruitless.—S.E.W.

\* \* \* \*

#### JEANERETTE, LA., POULTRY SHOW.

Situated in the rich Louisiana sugar district on the beautiful Byou Teche of Longfellow's Evangeline, ten miles from the Gulf of Mexico on the Southern Pacific R. R. the thriving city of Jeanerette has been giving an exhibition of what energy, push and enthusiasm can accomplish in the way of a successful District Fair. All kinds of amusements were furnished, flower parade, tournaments, races, dancing and music were among the attractions. The feature of the fair was the poultry show with about three hundred birds on exhibition from Louisiana, Texas and Mississippi, the surprising feature of the show was the quality of the exhibits, showing wonderful strides in this part of the country which has only lately awakened to the possibilities of the poultry industry. The success of the fair is largely due to the president, C. L. Monnot, of the famous Bellevue Poultry Farm, who was also manager of the poultry department. The show was cooped in Empire coops and the feed supplied by the Bellevue Poultry Supply of New Orleans. The breeds represented were White, Buff and Barred Rocks, White and Partridge Wyandottes, Rhode Island Reds, White and Buff Orpingtons, White and Brown Leghorns, Black Minorcas, Black Langshans, Lt. Bramah, White Crested Black Polish, Games, Buff Cochin, Bantams, White Pekin, Muscovy and Indian Runner Ducks, Toulouse Geese and Mammoth Bronze Turkeys; a remarkable variety for a show of this kind. The White Leghorns were a show to themselves, seventy of them are high class specimen. Mississippi won the honors in this class.

The Barred and White Rocks and White Wyandottes were first class birds, among the White Wyandottes was a Jamestown winner. The other classes were represented by good specimen, tho' the show of Rhode Island Reds was not as good as might be. There was hot competition in Buff Cochin Bantams. Ducks and Turkeys fine. Bellevue Poultry Farm easily carried off the honors of the show, winning in every class in which they entered. They won 35 first prizes, the Southern White Leghorn Cup and for the best displayed special ribbons from the State of Louisiana Department of Agriculture. THE INDUSTRIOUS HEN cup was won by W. C. Taylor of Jackson, Miss., on his White Wyandottes. The Bellevue Poultry Supply Co. Cup for White Plymouth Rocks was won by W. W. Reeder, of Minden, La. The attendance at the poultry department was large and it will result in a large number of cases of chicken fever. The most popular exhibit of the whole fair was that of the Bellevue Poultry Supply Co. of New Orleans, it was crowded all the time, they showed parrots, monkeys, dogs, among them a beautiful Russian Wolf hound, Persian cats, birds, poultry, and full line of feeds and supplies. The polite and obliging manager, Andree Dessommos, was in charge and seemed to be doing business all the time. Bellevue Poultry Farm had their new Dixie Incubator in charge of manager Sparks, on exhibition in full blast, it brought off a

*Continued on page 601.*



## JUDGE CLIPP ON THE WESTERN COAST

WRITTEN FOR THE INDUSTRIOUS HEN BY JUDGE J. C. CLIPP, ASSOCIATE EDITOR.



WELL there is but one Harry Collier and he takes up his abode at Tacoma, Washington. When it comes to doing things in the poultry world Mr. Collier ranks supreme. In making the Washington State Fair and Inter-State Fair at Spokane, Washington, we had the privilege of meeting Mr. Collier personally and many other warm hearted poultrymen. Early in the summer Mr. Collier, superintendent of the poultry departments of those two great exhibi-

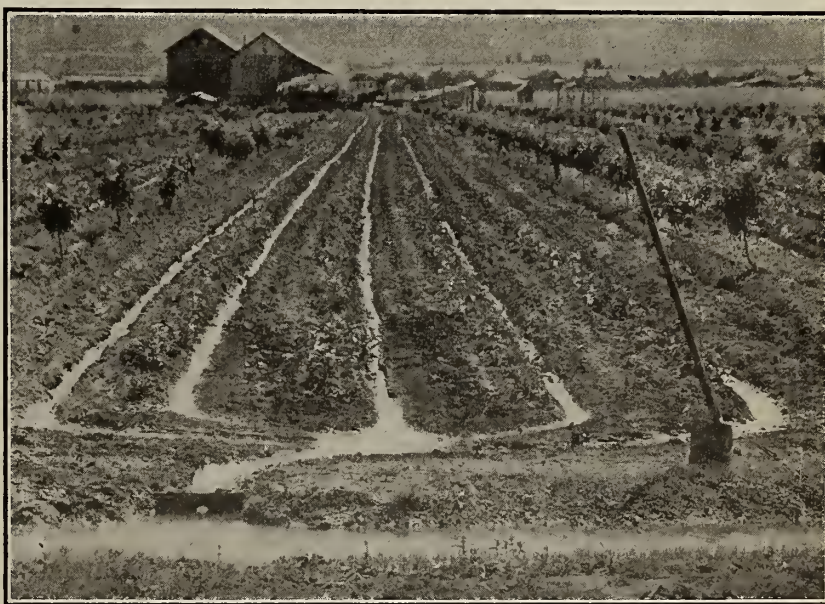
tion, began his work towards bringing together the greatest poultry exhibit the Pacific Coast has ever seen. When the writer was asked by Mr. Collier to judge these great exhibits we consented, feeling that everything would be carefully managed by Mr. Collier so that it would be easy to award the prizes and have no difficulty in getting the best birds in their respective classes and we were not disappointed in the least, strange as it may appear to the eastern judges, yet it is a fact, Mr. Collier succeeded in pulling off the poultry exhibits, easy, with one judge, getting the awards up in due time, while the number of birds at each exhibit was sufficient to require four good judges after the manner of some of our eastern shows. We handled some birds in those exhibits that would certainly make some of our eastern breeders sit up and take notice. The Buff Leghorn, Buff Orpingtons, and White Leghorn classes in each exhibition was of rare quality. There was a Black Langshan cock bird on exhibition owned by Frank B. White & Co., that was simply gilt edge, but the Co. informed us that they had still better birds than this at home. If they have, and we have no reason to doubt it, they certainly have some top notchers.

The climate on the Coast seems to be an ideal spot in which to produce fancy fowls of the highest quality. The summers are comfortable and winters very mild. While the breeders are of the deepest water and certainly understand how to grow poultry that will bring long prices and win first honors at such exhibitions as the Inter-State Fair. We were pleased to learn that THE INDUSTRIOUS HEN was going to a number of homes of Coast breeders that are on the market for fancy fowls, while they have choice specimens yet they prefer to launch out and buy a number of high class specimens in order to make up a complete exhibition pen for some of their winter shows; hence, it will pay our readers to advertise their fancy specimens in order to supply this Coast demand. The Alaska-Yukon Fair at Seattle, will be the center of attraction next year; hence, every breeder that can possibly make this exhibit should make an effort to place some of his best specimens in this great show. They will be seen by every nation on the globe. It will be the greatest advertisement anyone can possibly obtain. We are informed that the management at this great event will be of the very best; birds placed in this exhibition will receive special attention, as we find the Coast people well understand the art of pulling off a successful

show. We can not refrain from mentioning the fact that Supt. Collier and his assistants certainly understand how to entertain poultry judges. Their work was not only conducted in such a manner as to make a large exhibit of over sixty-eight varieties easy for a judge to pass on, but their courteous treatment aside from the show in showing us the the various attractions to be seen at a fair of this kind. The great disturbance of Vesuvius was one of the great features of these fairs, besides many other exciting entertainments which would have been less interesting had we not been accompanied by associates who were more familiar with the various acts, and able to explain the several features of the attractions. We are much pleased with the great West, and the Coast country, and believe that in time the western Coast will be the greatest of attractive centers, not only in poultry shows but in many other ways interesting to pleasure seekers. The writer was promised some exhibits back in the East by some of the Crack Coast breeders. We will say without any hesitation whatever that if the South or Eastern breeders comes up against them in competition you will know you have been in fast company. You will certainly have some experience in high life; however, if our Coast friends visit us we shall assure them fair treatment all around the board, at the same time do our best to beat them and keep the prize money at home. But if our Coast friends exhibit with us and he has the quality superior to ours he should have and must have the honor of "skinning" us on a square deal. Our southern and eastern neighbors will find the Coast breeders the very choicest of company. They deserve credit for straightforwardness and honorable principles. They are not the wild Indian, half civilized creatures that some of our eastern neighbors suppose, but of the finest cultured citizens the world has ever produced.

### JEANERETTE, LA., POULTRY SHOW.

splendid hatch during the fair, they claim that the fresh air system of this machine is its great feature. It certainly brought out a fine hatch at the fair. A big attraction was the plant of the Bellevue Poultry Farm to which a free line of



Perfect irrigation system on fruit lands for sale by the Red Apple Real Estate Co., Wenatchee, Wash. These lands are recognized to be the most fertile of any lands on earth.

hacks was run from the fair grounds and crowds availed themselves of the opportunity to visit this beautiful plant with its model arrangements.

We are pleased to see an increase in the interest in a number of poultry shows in that part of the country, notably one in Abbeville in Sept., and at Crowley in the great rice country in Oct. With genuine southern hospitality, our editor, Mr. Bayne, was entertained by that prince of hosts, C. L. Monnot. He was also well cared for by Secretary Gravenburg, Dr. Bouvier and Mayor Brown when not busy in his ladies' department. The Secretary of Agriculture was represented by his secretary at the fair.



## POULTRY WORK FOR NOVEMBER

BY THE EDITOR

**T**HE busy season for all poultrymen starts with this month. Matings must be made now. The care and skill with which this is done will make or mar the success of the 1909 crop of youngsters. Move the best developed pullets to their winter quarters.

The later hatched ones can be allowed to run on free range till early December south of Mason and Dixon's line. Make your last culling of cockerels now; the smaller ones will still bring a good price in the markets. Keep only those you want for use, for show or for sale. Cull close; feed no drones; it's a waste. Cull the pullets close; it never has nor never will pay to keep undersized, backward or weak females; they cost you to feed them the return they yield. They lay few eggs, take up the space needed for busy business birds and if bred to may prove the ruin of an otherwise good flock.

Do not carry over any old, undersized hens or ones lacking in vitality. A most common mistake is to look to how many, not how good. In selling eggs, undoubtedly the most paying part of the business, one must look carefully to the cost per dozen of producing the eggs. Every idle hen, every poor layer makes the cost of production greater. We saw a test carried on between three neighbors, in the months of December, January and February, two years ago. A had 90 pullets, thoroughbreds, of an egg strain; B. had 175 mixed females of all ages, color and breeds, mixed; C. 215 of the same kind. On March first A. had gotten more eggs than B., more than C. and within a fifth as many as B. and C. together. A's feed cost 10c a month per head. B. and C.'s feed cost 5c a month per head. A. produced eggs at a cost of 11c doz. B.'s eggs cost 32c a doz., C.'s cost 34c. At the country store prices B. and C. each lost money on their fowls. With ordinary care and intelligence in selecting what birds to keep for layers, the cost of production per dozen of eggs can be much reduced. The cold wet rains of this month causes much loss from colds and such among fowls.

Look to your coops for water leaks and to your walls for air leaks, (drafts) especially where the roof and side walls join. Better all cracks than one or two small ones.

From now on the shows will be in full blast. It is a necessary part of the education of every poultry raiser to attend one or more of these shows. It will be a great help to you to enter the best of your fowls at your nearest show and see how they stack up with the winners of your breed. Apart from the above a poultry show is a great pleasure and a chance to meet some mighty nice people. For those who will show birds, now is the time to begin to get them ready, as most of the big shows are in December and January.

Don't forget the lice—they will be on deck this month as well as each one of the year. You may not see them but they are there just the same. A great point is gained in the continuous fight against the pests, if you will thoroughly dust the entire flock and have them go into winter quarters, comparatively free from them. It is understood that the nest boxes are all clean with new straw or hay; that the roosts and dropping boards have been thoroughly cleaned and the houses white-washed before putting the fowls in them, make a point of feeding beef scraps or green bone now; it will help in starting the laying business. A simple plan for keeping the roosts and boards free of mites, is to rest them on four posts driven into the ground in such a way that the walls are not touched at any point. Then put a band of coal tar around each post near the top; renew the tar once a month. If you prefer you can use wooden horses in the same way putting a band of tar around each leg. The advantage of this last is that you can carry the whole arrangement out into the yard for cleaning, but it costs a little more and is more trouble. We have found by observation, for a number of years that all over the country there is a failure to provide green food regularly. In this the start of the season let's all resolve that we shall be guilty of no such neglect.

## FEEDING FOR EGGS AND GETTING RESULTS



ENCLOSE egg record of thirteen White Leghorn hens from January 4th to October 1st, 1908.—Nola Chucky Poultry Farm.

January .....	270	eggs	June .....	300	eggs
February .....	288	"	July .....	271	"
March .....	319	"	August .....	246	"
April .....	310	"	September .....	172	"
May .....	303	"		2479	"

In 269 days an average of nine and a fraction every day for 13 hens. An average per hen of over 190 eggs in 269 days at 25c a doz, each hen has earned \$3.96. With nearly one hundred days left to the year these hens will make a record well over the 200 mark. The cost of feeding them is \$1.25 each a year. If they keep up the pace set up to October 1st they may earn \$4 each for their owner.

We were much interested in the performance of these Leghorns, so for the benefit of our readers we got Mr. Ballard to write us an account of his methods of feeding and management. So few poultry keepers know what it costs to feed their fowls, that any accurate data is valuable. We shall have a report from these Leghorns for the balance of the year and publish the year's record in full.

Following is the owner's system of feeding and caring for them:

"I give on an average one pint of wheat each morning when light enough for birds to see to eat. Same amount at noon. At 4:30 p. m., 5:00 in summer, all the wheat and corn, equal parts, the birds will eat up clean. In addition, I keep before them all the time, in hopper, a dry ground mash, equal parts wheat bran, wheat middlings, and corn meal. To this for fifteen I add once a week a small teaspoon sulphur—sulphur to be given in dry weather. I give about 1 teaspoonful of ground up pepper, once a week in winter—not any in summer. I use home grown pepper that is not strong. I find very hot pepper like cayenne causes much liver trouble. In place of beef scraps, in winter, I give a small rabbit for thirteen hens, chopped fine, both meat and bone. In summer I give a liberal amount of beef scraps. I don't advocate too much beef scraps; say ½ oz. per hen twice a week. Free

access to beef scraps cause tough shelled eggs, therefore poor hatches.

For green stuff I give free access to patch turnips and rye in fall, winter and spring. In summer as the old darkey says: "jis grass."

No green cut bone for breeding stock; very well for egg production. I give fresh water three times daily and to this add once a day small pieces sulphate iron. I dissolve a piece of iron size of a pea and put in drinking water each morning. This amount for about fifteen birds.

For lime I take some unslacked; slack on ground, turn a box over, let stand 24 hours and then let birds help themselves. Plenty of grit, no special kind.

House, open front, roost 7x8; scratching pen 5x12; yard 80 feet space. Free range from May to November. The houses that I am building are 7x12, 7 ft. front, 4 ft. rear, open front; burlap curtain to let down in front of roosts in very cold weather. House to be divided, 6x7 for roosts, 6x7 for scratching pen. This kind of a house will accommodate thirteen Leghorns all O. K.

My 286 egg hen was trap nested, fed the above rations and given free range. My pen of thirteen hens were not trapped. I find they fall off from 10 to 12 per cent. by the use of trap nests. Trap nests are alright for the larger breeds, but not for Leghorn. A Leghorn is very nervous and will not stand being confined. The average poultryman hasn't the time to look after 200 or 300 birds when he uses the trap system.

As to a balanced ration—any hen on free range or roomy yard will balance her own ration, if she is given a variety of food such as corn, wheat and oats—oats to be sprouted. A grain mash of wheat bran, cornmeal and middlings; feed a few sunflower seeds during moult, plenty of green stuff, clean water and grit. A lot of this balanced ration talk is hot air.

My feed cost me \$1.25 per hen per year, and that on free range one-half of the year. I am situated so my birds can have green stuff the whole year in a natural state. A hen will not make a good egg record without free access to fresh water and green food in a natural state."



# THE COLUMBIAN WYANDOTTE NECK.

WRITTEN FOR THE INDUSTRIOUS HEN BY T. REID PARRISH



HIS is the second of a series of articles on what should constitute perfection in Columbian Wyandottes and what defects should be discounted.

In the previous article I tried to give as accurate description of the head as possible. In this I appreciate the fact that I have the most important part of the bird, and the one least understood; especially is this true of many judges. I say that this section is not so thoroughly understood by judges as it should be, not from the fact that I have seen a great deal of work by different judges on Columbian Wyandotte, but from years of observation of the difference in opinion of some of our best judges when on the Light Brahma neck. While these articles are not written to the poultry judges of America, I trust that my remarks may cause some of them to study more closely the neck of the Columbian Wyandotte. The future of the breed depends on the neck markings, for in the hackle lies the beauty of the bird.

In the hackle feathers it is not a question of how high up the black on each feather extends, but the effect of the entire hackle. If the hackle has that perfect shawl-like effect, a judge should never turn back the feathers for the purpose of finding out how far up the black extends, or what the color is next to the neck.

The black feathers in the hackle should begin close up to the juncture of the head and neck on the male, and on the female begin well up on the head. Anything short of this should be considered a defect and discounted from one-half to one point. It is very important that you should have these black feathers well up to these points. They should lengthen and broaden to the lowest feather, which should extend well down on the cape of the bird, and when the bird is carrying the head in an upright position these lower hackle-feathers should spread well over the cape. The black and white should be as well defined in the smallest of the feathers as in the largest. They should extend well under the neck and if they do not meet it should be considered a defect, and in the male birds if there is not a positive juncture of the black feathers under the throat, it should be discounted one-half point; if as much as one-half of an inch of white appears in the female it should be cut one-half point. If white to the extent of one-half inch in male or one inch in female, cut three-quarters of a point; more than this from one to one and one-half point.

The black should be so well defined in the upper part of the hackle as to make a very distinct white line about one-half inch in width, running down under the lobes and broadening as it reaches the throat, forming a perfect "V" of white. You cannot of course form this white "V" under the neck unless the black feathers meet; and should they meet for a distance of two inches or more, even to the extent that the white "V" was some what broad and blunt, so much the better. When you have a hackle like this, you have a good one and one that it is possible to secure on a Columbian. You may secure this with black feathers that have a very narrow white edging, or one with a broader white edge. The hackle with a narrow white edging is preferable from the fact that the very much desired narrow lacing on the tail covers go with this narrow lacing on neck feathers, while the broader lacing brings too much white on the edge of tail coverts. You should watch the neck very closely, for much of the color-problem is solved by breeding the right kind of hackle.

The white edging on the hackle-feathers must extend to tip of feather, and if can be traced around the edge you have perfection. If the white extends to tip of feather and there is not as much black as there is white at extreme point, I would pass it without a cut; but if the black is there to the extent that the feathers appear blunt it should be discounted one-half point. If the black crowds out the white entirely for a distance of one-quarter of an inch it should be discounted three-quarters of a point; if more than this cut one point. If the black does not reach to within one-quarter of an inch of tip, it should be discounted one-half point. If the black in the feather is not a good black, it should be discounted one-half point. If a brown, cut three-quarters; if mossy or splashed to the extent that it has a grayish look, cut one point.

If the white edging is not clearly defined and even all the

way on the part exposed, it should be considered a defect and cut one-half point. If it shows a tinge of creaminess, cut one-half point, if positive brassiness cut three-quarter to one and one-half point. If that part of the hackle that is exposed has a good black with well defined lacing, there should be no cut even if the under-color should be white, gray or slate.

There has already been articles written, telling that the hackle feathers should be black to the skin; there is nothing in this. If you secure a feather that is good as far as exposed, with a small margin allowed for the play of the wind, you need not concern yourself as to what the color is further up.

I have had a hackle on Light Brahma cockerels that met the requirements as given here cut one and one-half point because the black did not extend all the way up to the neck. To a novice this would be misleading; to me it was merely evidence that it is impossible for a judge to know as thoroughly all breeds as does the breeder who has made a life study of one or two breeds, and I have no doubt but that I have made cuts in judging other varieties as ridiculous as the one here given. There are some men who know a few breeds thoroughly, but there are none who is master of them all. A good judge will rarely fail to give the best bird first in a comparison, but Oh! what a farce when you have the score card.

The shape of the neck is short, well arched, and the hackle should be so full as to give it a very broad appearance in both male and female. While very few necks are what we would consider perfection, yet it is rarely the case that one is so defective as to require even one half point



First prize pullet Tenn. State Fair, bred and owned by Jon. F. Childress, the White Leghorn man, Sweetwater, Tenn. This pullet as well as others exhibited by Mr. Childress attracted much attention at the Fair. The judge pronounced this pullet the best in shape and color that he had ever seen. Mr. Childress has taken advertising space with us again and we can assure our readers that if at any time they need high class Leghorns, they can and will be treated right by writing to him. For ideal shape, color and size we honestly believe Mr. Childress has as fine birds as can be found in the U. S.

cut. When a cut is necessary it is generally from the fact that the hackle is not as full as it should be. Generally when the neck is so long as to deserve a cut, there is not much of the Wyandotte shape in the bird.

In my next article I will take the back and wing of this breed and I promise you something out of the ordinary when I get on these sections.





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Vol. 5 NOVEMBER, 1908 No. 6

THE INDUSTRIOUS HEN is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to the Poultry industry, Live Stock breeding and intensive farming. Contributions that are practical and pithy are solicited. The Editor is not responsible and does not always endorse the opinions as expressed by his contributors. Subscribers desiring a change in address will please give the old as well as the new postoffice.

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BREEDERS' CARDS—2 1-2 cents a word each month for one, two or three months; 2 cents a word each month for four or more months. A 25 word card will be run six months for \$2.50, one year for \$4.50. A small cut illustrating a breeder of 25 words or more will be used for 50 cents additional. Numbers and initials count as words. Please count the words correctly and avoid delay. We keep no books with this department and cash must invariably accompany the order.

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Your Address on the wrapper indicates when your subscription expires. In order not to miss a number it should be renewed one month in advance. If, after your name appears the date "June 8," it means that your subscription is paid to June, 1908, and unless renewed will be discontinued after that date.

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Do not delay advertising your stock or eggs for sale. THE INDUSTRIOUS HEN reaches more poultrymen than any journal published in the South, and it can sell your surplus. Now is the time to place your advertising. Buyers are beginning to look about, and are writing about prices. Better get in now and share early your part of the sales.

\* \* \* \*

Don't let the noisy, quarrelsome English sparrow get a hold around your poultry establishment. They are the greatest producers of lice known, and will keep your place overrun with the pests. In addition they will cost a lot of money in the amount of feed they eat, which would go to your poultry. We have heard of several cases, mostly in cities, where breeders were obliged to give up hopper feeding on account of the sparrows. They are of no earthly use, not even from the point of beauty. Get rid of them by all means.—T. L. B.

\* \* \* \*

The Standard and the Poultry Post, two new poultry journals for poultry patronage have recently been launched upon the sea of poultrydom. We welcome these publications to our midst, for they will each accomplish a purpose that in itself will be beneficial to the poultry industry and mankind in general—they will help to instruct, for farmers and breeders of live stock—poultry in particular—are becoming more learned in the arts of farm culture. They all read, and the more they read the more intelligent they become, and the more intelligence the better citizen and farmer. Every journal accomplishes its mission whether it will or no—it educates.

\* \* \* \*

In September past we saw at a show early in the month many Mediterranean and American young stock full plumaged and nearly up to weight. The birds were fine ones of their class too. These birds were hatched in January in Louisiana and Mississippi, and later we saw in Alabama birds as far forward in development. This impressed us with the fact that here is a grand opportunity for the breeders of the South to furnish the prize birds for the early fall shows all over the country. With the fall fairs all giving more and more attention to their poultry departments, the demand for a finished product in the early fall is on the increase. By situation, by climatic conditions, this business belongs to the Southern breeders. We hope they will not neglect it.

Begin to hatch your chicks in January; eggs are not so fertile but the birds raised will be the early birds which catch the dollar.

\* \* \* \*

Over 2100 new subscribers to THE INDUSTRIOUS HEN have been received since the October number was sent to press, and many whom we expected to begin with that number we have been compelled to start with the November issue.

**To Our New Subscribers.**

When we started on our tour of the three great fairs at Nashville, Memphis and Birmingham, the order for the October number had been given to the printer, and we did not calculate on such a large increase, hence the issue was exhausted almost before we got started. All who have subscribed and who did not receive the October number, their subscription will begin with November. If by any means anyone who subscribed does not get a copy of this issue, or his name or address should not be correct on the wrapper, if they will report it at once we will be glad to correct it. We trust this explanation will be sufficient to those who expected that their subscriptions would begin with the October number. Friends, after you have read this copy, if you do not intend to keep it, please hand it to a neighbor and tell him what you think of it, and whether you think it is worth fifty cents a year. Tell him if he wants to subscribe for it to send us fifty cents and we will send him THE HEN one year and give him as a premium, two dozen of the latest leg bands for his fowls; or we will send him one dozen and you one dozen, if you will collect the money and send it to us.



In a recent trip South, the Editor found that in Louisiana and along the Gulf Coast of Mississippi, Alabama and Florida, that there was much complaint of **Time to Hatch.** the mortality among the young chicks, a number of hatches failing entirely, apart from the usual causes of failure common to the whole country, like weak stock, poor management and ignorance. We found that for this section where there is a mild and short winter the trouble seems to have been from trying to hatch at the same season as in higher latitudes. Those breeders who took advantage of the climate and hatched in December, January, February and up to march 15th were the ones who successfully raised chicks. While those who hatched later had poor success. It would seem then that in this section the hatching must be done early. This early hatching has great advantages. It brings the broilers in at a time when prices are highest; being as much as 46c a pound in New Orleans this year.

It produces the winter layers—the best payers. It gets ahead of the lice, and does away with the trouble from mosquitoes, which later causes much loss. The disadvantages are that the hens will not set at this time and eggs are usually not so fertile.

Still with hatching and raising at this season, with early moult, for a number of years, will probably in time overcome this trouble. This part of the country has the greatest of advantages for poultry raising if the people will only take advantage of and adopt their methods of doing business to local climatic conditions.

We all need poultry education. Especially those of us who have not been to the great school of experience. In most cases the pressing demands of business and work do not allow us much time for this education. All of us can spare some time to devote to this purpose, some more, some less. To all the old breeders, the farmer and the beginner the best opportunity is offered in attending a good poultry show or shows.

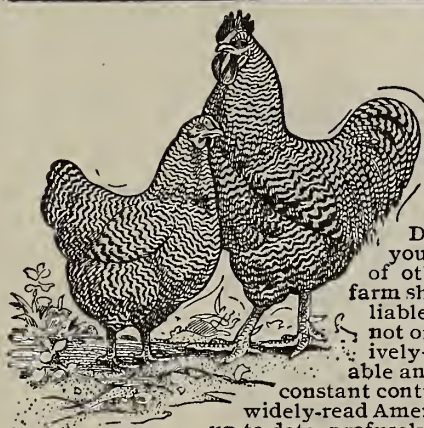
It should not be so, but it is true that many people are breeding and selling birds who have no definite idea in their minds of what a bird of their breed should be like to conform to the American Standard of Perfection, the guide by which they are judged. How can you hope to work toward perfection in your birds till you have some definite idea of what perfection calls for? Even with a Standard it is not possible to judge correctly without actually seeing a number of good specimens of a breed, especially when it comes to a question of shades of color or even the description of a color.

By attending the shows you can get a fixed idea in your mind of what a good bird should be by actually seeing them, and having a chance to compare

the different ones on exhibition. By all means enter some of your own fowls, not necessarily with the idea of winning, but for the opportunity it gives you to compare your fowls with good ones of the same breed.

There are many perplexing questions which confront beginners, at most of the shows the judge is engaged for the purpose not only of placing the awards but also to answer such questions as the breeders in attendance want to have answered, an opportunity like this to get expert advice is of untold benefit to any breeder.

# What Would You Do?



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Mrs. Ollie C. Krieder, of Jamestown, Pa., wrote us that the information secured from the Farm Journal helped her to make clear in cash \$137.

Thousands of our subscribers voluntarily write and tell us how they have made money from reading the Farm Journal. Following are a few of the bright, timely and interesting articles that will help our readers get more profit and pleasure out of their farm this year. These all appear in the November issue, but every other issue is equally full of good things.

*High Farming at Elmwood—Saving the Potato Crop. Money in Hogs—How to Get it Out of Them. The Farm Horse in Cold Weather. Raising Pigeons for Profit. Law for the Farm, Troublesome Insects—the Way to Deal With Them. Keeping Farm Accounts. A Woman Luther Burbank. Farmer's Problems—How to Solve Them. How to be Happy Though Unmarried—Prize Article. Family Doctor—Report of Tuberculosis Congress. Diversions for Young Folks—Games.*

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## THE LONG ISLAND DUCK INDUSTRY

Four Hundred Thousand Ducklings Produced Annually on Long Island for New York Market.

BY ROBT. H. ESSEX, Secretary Cyphers Incubator Company



ROWING Pekin Ducks for market was started on Long Island fully thirty years ago. The business has grown steadily until at present there are between thirty-five and forty duck farms or ranches on the Island and the annual output exceeds three hundred and fifty thousand ducklings, more than ninety per cent. of which are marketed in New York City. Other eastern states have large duck plants, notably Pennsylvania and Massachusetts, but Long Island produces more ducks each season than any other area of equal extent in the world.

comes on the eggs are of poorer quality, that is, the fertility decreases, the shells become thin and brittle and in some cases the contents decay or rot during incubation.

Green ducks, so called, are marketed when ten to twelve weeks old, at which time they should weight five to six pounds each. It costs ten to twelve cents per pound to produce a duckling ten weeks old, the cost depending on the market price of foods. All grains and grain products were unusually high-priced the past season, hence the margin of profit enjoyed by duck growers was considerably reduced as compared with the average year. The sale of feathers is an important item on a duck ranch. Feathers bring fifty to sixty cents per pound and each duckling when plucked at ten weeks old produces about two ounces of feathers.

Mr. A. J. Hallock not only markets each season more Pekin Ducks than any other man in the world, but he owns at present the largest incubator in the world—a mammoth machine having a capacity at one filling of 36,000 duck eggs, or nearly 50,000 hen eggs. June 5, 1907, Mr. Hallock lost his old incubator cellar by fire, destroying his incubator building containing eighty-three lamp-heated machines, each holding three hundred duck eggs. Many of these machines were full of eggs at the time and several contained newly hatched ducklings ready for removal. Last fall Mr. Hallock contracted with the Cyphers Incubator Company, Buffalo, N. Y., to install in

his new incubator cellar a one hundred compartment hot-water, coal-heated mammoth incubator, and the machine was ready for operation in January of the present year. Accompanying this article are three photographic views of the interior of Mr. Hallock's present incubator cellar.

The consumption of fuel in the coal-heated, hot-water boilers is regulated automatically by thermostatic action; the

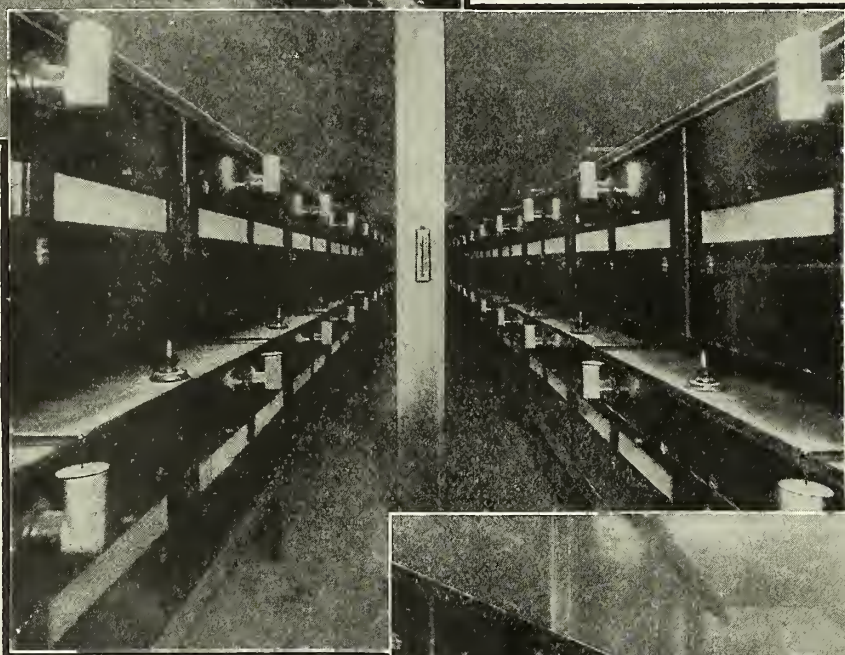


Left hand aisle of Mammoth Incubator.

There are a number of small breeders on the Island who raise two to three thousand each, but the majority endeavor to get out five to ten thousand, while the larger breeders run up to twenty to forty thousand. Massachusetts has a number of duck farms that produce ten to twenty thousand ducklings each season and Pennsylvania has several that market thirty to sixty thousand annually.

Of late years the prices obtainable for Long Island Pekin Ducks have ranged from fourteen to thirty cents per pound. Duck growers begin marketing their product in April and continue killing and shipping until September and October. Ducks kept as breeders can be brought to lay in October and November, but it is not desirable to have them begin until December. Hatching usually is started in January and reaches its height in March and April. Experienced duck growers are able to hatch an average of forty per cent. of all eggs set throughout the season and about fifty per cent. of the fertile eggs. In other words, the eggs will average eighty per cent. fertile during the season and good ducklings are hatched from about half this number of eggs, thus yielding forty ducklings, on the average, to each one hundred eggs placed in the incubators.

Pekin ducks lay from one hundred to one hundred and twenty eggs each during the season, beginning in December on Long Island and continuing into July or August. Hatching is kept up until about July 15th. As warm weather



View between middle tiers, showing separate regulator on each compartment.



Right hand aisle, with door at far end opening into heater room and coal pit.

temperature of the water at the point where it enters each tier of compartments is controlled in a similar manner, and the heat in each hatching chamber is governed by a Standard



Cyphers thermostat thus taking care of the animal heat generated in the eggs after they have been incubated two to three weeks. Thirty to fifty cents worth of hard coal will operate this ninety-six compartment machine, holding 36,000 duck eggs, during a period of twenty-four hours, the amount consumed per day depending on the weather or season of the year. The labor of caring for this mammoth machine is reduced to the minimum. Mr. Hallock reports that it does not require more than 20 per cent. as much labor to care for his big incubator as it would to handle an equal capacity of kerosene lamp machines. The eggs are turned and cooled without removing them from the hatching chambers. There are no lamps to fill, no wicks to trim and no odors of kerosene to vitiate the air of the incubator cellar or apartment.

After the trays of eggs—three trays to each compartment—are placed in this mammoth machine, any woman who can lift a shovel-full of coal waist high can attend to the big incubator as easily as she could put a room in order and with no more physical effort. Undoubtedly the successful introduction of these coal-heated, hot-water, self regulating compartment incubators represents a long step forward in the poultry industry.

In a letter to the Cyphers Incubator Co., Mr. Hallock says:

"My new incubator cellar, 40x70 feet, built of concrete with slate roof, was erected by me on dimensions furnished by you and the big machine was installed and ready for operation in January of this year. We used the machine continuously throughout the season, and I am glad to say that its work was such that I would not consider returning to the old method of using small machines heated by kerosene lamps. Your contract with me provided that this machine

should hatch uniformly well throughout the season. In other words, it was to hatch as well during the warm months of April, May and June, as it did during January, February and March. Our records show that the incubator hatched well during the cold months, but did even better work during the warm weather. We hatched all our ducks in the big machine, except those hatched in four small lamp-heated incubators (two being of your make) which were operated in competition with the mammoth, and the big machine did as good work on the average as the small standard machines during the cold period, and did considerably better hatching during the warm months and the ducks from it were better ducks.

"Our ducklings, this past season, as hatched in the big machine, have lived well, fully as well as the average of other years. On one occasion the man who had charge of the big machine turned the eggs in one hundred and five trays in three minutes by the watch, and he did not hurry in doing the work. With the big machine there are no lamps to fill and no wicks to trim. The operator has ordinary hot water, coal-heated boilers to handle, which require no more attention than the same type of boiler used in heating a brooder house. The eggs are cooled in the machine; the turning of the eggs is a simple matter and there are no odors in the cellar to vitiate the air that passes into and through the hatching chambers. Furthermore, I am satisfied that my fuel bill has been reduced more than 50 per cent. It is my belief that the hot-water sectional incubator, for use on large practical poultry plants has come to stay.

"All things considered, I am much pleased with my investment and shall not hesitate to recommend the new Cyphers Mammoth for general use on our Long Island duck farm. Yours truly, A. J. HALLOCK."

## A SOUTHERN SHOW BY A NORTHERN MAN

WRITTEN FOR THE INDUSTRIOUS HEN BY JUDGE S. T. CAMPBELL



One can go from home leaving his own door sill and see something of the world beyond his front door stoop but comes back instructed and broader minded. All change is rest, the mountains pall unless you cross the pararies, or toss on the sea. Dull wits are the portion of stay-at-homes. You cannot know a city or its people by looking at a view on a postal card, to see is to know, feel and live.

Recently it was the writers good fortune and privilege to visit the Capitol of Tennessee and to participate in the great State Fair at Nashville. While this fair was all great, it is the poultry department of which I wish to talk in particular. Poultry proved the center of attraction, and with three thousand of as fine birds as ever graced a show room, was it any wonder. All cooped in metropolitan style. Quality was there; not a poor specimen to be seen. In R. I. Reds, there was one hundred and eleven pullets, with other classes well filled. In Plymouth Rocks, Wyandottes, Orpingtons and some other breeds, there was red hot competition, and the judges, Drevensstedt, Pierce, Campbell and Fowler, had no small task in placing the winners; however, all were well placed and in many cases, seemingly excellent birds had to go unplaced.

The great Wyandottes, particularly the Whites and Columbians, made a show all by themselves. Watch these breeders, for they have the stuff. The writer has attended most of the great shows, and never did he see better birds in these classes, and all southern bred.

In that ever popular fowl, the Orpington, there was about 200 fine birds; here too the southern birds won first cock and second hen, with many other prizes, in as strong competition as was ever met. Minorcas made up a fine class of exceptionally fine birds; this wonderful egg-producer is well adapted to the South, and is growing in popularity.

Houdans were shown in goodly numbers, and fine quality. White and Brown Leghorns made up a very strong and worthy class.

Andalusians, that peculiarly attractive fowl, in fact are beautiful examples of the art in poultry culture, and never has the writer seen better specimens than graced the coops at this show.

Quite a number of pit games proved an attraction, and more of them should be shown. Many other classes were well filled with birds of merit. What we failed to see was a good class of Hamburgs and that beautiful fowl the Crested Polish. It is to be hoped that another year these classes will be filled. The Asiatics were shy in numbers.

Turkeys made a fine exhibit and careful breeding for

high quality was very noticeable. Water fowls too made a good showing.

Quite a number of fanciers were at the fair, and every one a good fellow. Nowhere have we met their equal for courtesy and hospitality.

The young birds at this show were fully matured and in fine condition. Again the writer urges the southern breeder to show some of his fowls at northern shows and thereby create a demand for exhibition southern bred birds for fall fairs and early winter shows. There is already a demand for such birds. Will you take advantage and reap the harvest? You have the goods, why not make the market? This is your privilege. It is your duty and should be your pleasure to act, and begin now.

To the lady fanciers of Tennessee and the South we wish to extend greetings. We had the pleasure of conversing with quite a number of the fair sex at this great show and we were delighted to find them so deeply interested, and well informed on all poultry subjects. To them much credit is due for the magnificent display of fowls, in many classes including turkeys and water fowls. To those of you who failed to be honored among the winners, keep courage; your time will come, persistence and application will bring you reward.

For the wonderful success of this great exhibition credit is due Supt. John A. Murkin. To secure entries from fifteen states, reaching from New York to Texas, is no small task; this Mr. Murkin accomplished, and his unequalled success at any State Fair has placed him in a class by himself, a giant in the show business. He was ably assisted by that tireless worker and efficient Asst. Superintendent, R. E. Jones, who seemed to be all over and in every place at the same time.

Not a stranger entered the large pavillion but was met and directed to the place of interest desired. Many other shows could copy after this with satisfactory results. The celebrated ten thousand dollar hen Peggy was on exhibition in charge of Mr. Kellerstrass, Jr., a worthy young man and popular fancier. The well known fanciers of Tennessee were out in force, every one of them true to name, and especially courteous to strangers.

Next season Mr. Murkin will make even greater efforts, and larger premiums will be offered. The poultry exhibition at Nashville is established and every true fancier will look forward to seeing this great fair and to have his best birds win at Nashville will be his greatest ambition. This is also noted as a sales exhibition; many good sales having been made. The Southern people have the pride, the ambition and the price and will buy good poultry. Look to the South-land for a great future in the poultry industry.



## TURKEY DEPARTMENT

All inquiries should be addressed to MRS. J. C. SHOFNER, Mulberry, Tenn.

### Thoroughbred vs. Mongrel Stock.

*Written for the Industrious Hen.*

It is astonishing to see intelligent people all over the country who yet persist in raising mixed blood, both in turkeys and chickens, when we all know and observe yearly by our neighbors that it costs no more to raise a thoroughbred fowl than a mongrel, and one distinct breed, with uniform color is something we are all proud of. The interest has been some what awakened in our country, in the last three or four years; there are few now who do not want a thoroughbred male to cross on to mixed females, but change the breed yearly. To be sure by doing this they get nice large fowls, if it is size they want, but we have thoroughbred fowls that have size and can be sold on the market or used as table fowls, if one does not sell them at fancy prices, and why keep mongrels, when the thoroughbreds cost no more to raise, are just as hardy, will lay more eggs and be something to be proud of?

There is not a more beautiful sight to be seen than a flock of uniform turkeys, out on range, either white, yellow or our mammoth bronze, the king of all birds raised on the farm. He is the largest of all varieties, raises more mortgages, is the least trouble to raise because he is off of roost and out in field, or meadow ere his master opens his eyes. The M. B. turkey is by far the finest cross on mixed breeds, giving size beyond one's expectation. I have in my mind a party who bought a large frame fine \$10.00 tom from me several years ago, to put with some small black hens, and raised quite a number, and at Thanksgiving the toms raised averaged 20 lbs. realizing 12 1-2 cts per lb. In former years he had sold toms at Thanksgiving weighing from 12 to 15 lbs. See what a difference in one year a cross will make and why not have the pure breed, that is far superior?

One should never be satisfied until he has reached the goal of his ambition and that ambition should be excellence, the largest bird, in turkeys, with the most perfect plumage. I am aware that our Standard is very short on that, nevertheless that cuts no figure with me, I intend to grow them to be as large as an ostrich if I can, so long as I do not impair vitality and plumage. How many inquiries do we get during the season saying: "I want a small cockerel about standard wt." or cock as the case may be? Not any; but on the other hand, we get numbers and numbers saying "I want all the size possible with plumage correct." To get this large frame and bone and not impair vitality, turkeys must range and find the greater part of their food, only feeding them their suppers to bring them in home at a certain time in the evening. By doing this we see the most beautiful plumage that nature furnishes, and that force-feeding never produces. In the first place to have size and plumage they should be bred carefully for several generations,

in this certain line of breeding at no time allowing a small or badly marked bird left in one's breeding flock. Each year select the largest and finest to keep, regardless of offers that may be made for them, keep the best. My advice to all amateurs, do not waste time on cheap stuff. There is no economy in it but a waste of time. Get the best if you have only a few dollars to invest, buy the best that money will buy, raise some fine birds, advertise what you have in one or two good poultry journals with a nice display space, deal honestly with every customer, that the first customers may continue with you and your fowls be living advertisements for you. MRS. J. C. SHOFNER.

### Mammoth Bronze Turkeys

Prize winners at South's Greatest Shows. At Nashville, 1907, 1st cockerel, 2nd pullet, 1908, 2nd and 4th cockerel. At Knoxville, 1906, 1st cockerel, 1st pullet, 1st tom, 1st hen; 1908, 1st tom, 1st hen.

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ROUTE 5.

### BIG BUFF PLYMOUTH ROCKS

#### OF QUALITY, STANDARD WEIGHT

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#### Choice Breeders \$2.00 and Up.

We have furnished more winners for National shows than any Buff Rock breeder in the Middle West.

#### OUR "GIANT" STRAIN BRONZE TURKEYS

are certainly grand this year, possessing enormous bone and frame, fine in markings. We have furnished the winners for a number of the leading shows for the past several years.

#### OUR PEARL GUINEAS

are fine in plumage and great layers.

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Satisfaction guaranteed in every sale.

24 Legbands free. See page 625.

### BUFF ORPINGTONS FOR SALE!

A trio of young show birds reasonable. COCKERELS \$2. Eggs in season. Express prepaid. Winners at Tri-State Fair, Memphis. Mrs. W. A. GIBBON, Conway, Ark.

#### FOR SALE

### MAMMOTH BRONZE TURKEYS!

My entire lot must be sold by December 25th. Bred from prize winners of the best strains. Write for prices and record.

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### BREEDS QUALITY

## BRAHMAS

Years of careful selection has enabled me to produce a strain of Light Brahmas that I believe are the heaviest egg producers in existence, and in the hands of my customers, as well as myself, have almost invariably made clean sweeps in the show room. I have never yet given up a first prize ribbon to a competitor.

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The strain of **Columbian Wyandottes** that has the strongest color lines on earth. I have already furnished some noted winners in Columbian Wyandottes. My catalogue will tell you how I originated this strain by Light Brahma and White Wyandotte crosses.

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Parrish breeds and sells more show specimens than any five Brahma or Columbian breeders in the South.

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(LICENSED JUDGE)

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What every one wants is size and plumage combined. I have it in my flock of 1908 hatch, with Southern Prince, line-bred, weight 50 pounds, score 97½; his sire Goliath, weight 48 pounds, score 97½, with grand sire by him, Jumbo Jim, 47 pounds, 2nd prize winner at World's Fair, St. Louis 1904. Sons and daughters of Southern Prince mated for best results to sons and daughters of Bob Taylor, no relation. All from prize winners.

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MULBERRY, TENN.





## PIGEONS AND BANTAMS

Edited by E. E. Pryor, Martinsville, Indiana. Inquiries cheerfully answered if postage enclosed. An exchange of experiences invited. Send to above before the 10th of each month for next issue.

Any who desire to start in the Pigeon or Squab business or increase their flocks may feel free to write me and I will be pleased to give them the benefit of my careful investigations as to reliable dealers in and breeders of such stock as is desired.

### The Pigeon.

*Written for the Industrious Hen.*

The *Carneau* is rapidly gaining in popularity, largely on account of its size as a squab breeder, its vitality, and fancy points. Lovers of this class of Pigeons court investigation, fully believing the birds will come out with glowing records, and upon the top round of pigeon lover's fancy. The experience of those who have dealt with the *Carneau* seems to be they are the greatest squab producers in pigeondom. They are in great demand and the supply is not sufficient. They raise not only large squabs but plenty of them and are everlastingly at it. This is true of the real *Carneau*, as I am not writing of the inferior, imitation crosses.

The real article will produce an average of ten pairs a year and some will produce more. They are good feeders and take most excellent care of their young—in fact the best care of any of the squab producing classes. They do not consume any more feed than an equal number of Homers, although much larger and affording much more meat. Their home-like actions, not nervous, easily scared or flying every time you enter the fly, makes them desirable and their beauty of symmetry, surpassing all others, attracts the attention of all, as each looks like the other. They may be shipped long distances with safety, and their hardy nature will resist the elements of weather, lack of attention and poor shelter known to almost no other breed. Yet the pigeon has never been produced that the owner can afford to expose to all these conditions and expect satisfactory results, but the *Carneau* will stand them as well as any and be at home through it all. They have a beautiful yellow skin as peepers or squabs without a sign of the dark pigment that detracts from the appearance of the Homer, when in the nest. The price and difficulty of obtaining the true *Carneau* prevents their general distribution and yet there are quite a number of the real article in America. In color they are yellow, yellow and white, red and red and white mottled. They almost invariably keep two nests in operation. While finishing up a pair that look large enough to take care of themselves, another nest is built, eggs laid and the hatching goes merrily on. Seeing the unemployed mate standing sentinel within easy call we at once exclaim "there is no place like home." Their beauty can not be described but must be seen.—E. E. PRYOR.

### The Bantam.

*Written for the Industrious Hen.*

If you contemplate entering the show room with your little beauties during the winter months begin now if you have not already. Oftentimes a blue ribboner fails to get even "honorable mention" because of delay by the owner in putting the bird in condition. I have known

exhibitors to wait until a week or ten days before the show opens and then go out among the birds, cast his eye over the lot, soliloquize to himself "there looks like a good one," grab it up, coop it, give it a little shelled corn and water twice a day and on the day to deliver at the show room cart it in, place it where all can see it, and when the judge passes it by in placing the awards our exhibitor of fancy chickens pulls his hair, goes home mad, wishes the show was over and swears the whole thing is a farce and he will never show again. By the next year his blood has cooled down, his nerves have rightened themselves, he declares he will win and for many weeks before the opening date he studies his birds, color, shape, comb, legs, eyes, wattles, ear lobes, weight, symmetry, wings, body and fluff and many other parts he never saw a year before. He borrows from some kind neighbor or friend a book called the Standard, looks it over and decides to buy one, and gets down to business.

Birds are given attention, properly culled, conditioned, he knows their strength and weakness, and when given the care and attention any showman, really deserving to win, would give his stock for a state or county fair, the judge places upon his coop the much coveted ribbon and his hair grows in again, he goes home and embraces his wife, kisses the baby, glad the show was held with such an honest judge, and says to admiring friends, "look at my birds, the finest in the world." Get the Standard ideal for the little beauties you have, study the book and study the birds. Know every cut for defects, examine the Bantam for such defects and be your own judge before the show; judges sometimes vary on cuts for defects, but any one ought to be able, with study, to come close to the net result of the judge's decision. The specimen should have a fair chance for its honors and not be everlastingly disgraced among its fellows by lack of notice that it is to enter such an important contest for honor or defeat. I repeat, the time to begin is not. It should have begun a year ago, but if not then get busy at once. Win or know why.—E. E. PRYOR.

Mated pair  
Laying. —  
From eggs  
to squabs in  
4 weeks.



Write to-day  
for  
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How to make money breeding Squabs  
PLYMOUTH ROCK SQUAB CO, 348 Howard St, Melrose, Mass

## S. C. B. MINORCAS

Nashville winnings: Jan., 1907, 1st and 3d pullets, 4th cock-rel; Dec., 1907, 1st cockerel, 2d cock, 1st hen, 3d pullet; A. P. A. medal on cockerel; State Fair, 908, 2d cock, 3d pullet. No hens shown. Stock for sale. Standard weight. Eggs, \$2. Satisfaction guaranteed. CHAS. T. MOSS, 4205 Delaware Avenue, Nashville, Tenn.

## WHITE P. ROCKS, M. B. TURKEYS, PEKIN DUCKS

Five first and three second premiums on W. Rocks, at State Fair, 1907. Magnificent Bronze Turkeys and Mammoth Snow White Pekins. All farm raised stock. Your inquiries and orders are solicited, with the assurance that you will receive full value for every dollar entrusted to me.

**MRS. T. E. BATCHELOR**  
Lincoln Co., Avery P. O. (via Varner) Ark.

## U. R. FISHEL says:

"A White Rock that is of excellent shape and poor color is a valuable bird."

I have for sale about fifty Cockerels that are excellent shape and also excellent color, making them of double value. They are pure "Fishel" strain, making another point in their favor. I will sell good ones for the next few weeks at \$2.00 and \$3.00 each. Remember that

"BLOOD TELLS," "LIKE BEGETS LIKE."

So buy from me and save money. A few Pullets for sale also. Address

**PLUMMER McCULLOUGH,**  
Box A, MERCER, PA.

## RION'S WHITE WYANDOTTES

Have been bred for years for vitality and heavy egg production, as well as standard requirements. They are

### The Greatest Winter Layers

yet produced. We have hundreds of young birds now coming on that are ready for the early Fall and Winter shows, and they will certainly

## WIN THE BLUE.

Rion's White Wyandottes have met in competition with some of the finest birds in this country, and have always been victorious. Their great successful show record positively demonstrates the fact that none can surpass them.

## STRAIN OF QUALITY.

Write for Catalogue and Prices.

**FOUNT H. RION,**

1412 "Eastland," - - NASHVILLE, TENN.

## DAVIS' BARRED ROCKS

HAVE AN ESTABLISHED  
REPUTATION, AS THE

"INVINCIBLES."

You can get eggs and breeders at remarkably low prices now. Mating list tells all about them; write a postal today for it.

**B. S. DAVIS**

**CHARLOTTE, N. C.**

## COLUMBIAN WYANDOTTES

For Vigor, Beauty and Heavy Laying our Columbians are unsurpassed. Eggs from prize matings at attractive prices.

**H. E. CAIN,**

**ASHEVILLE, N. C.**



## KENNEL DEPARTMENT

### Doberman Police Dogs.

Written for the *Industrious Hen*.



Ever since the cynic remarked, "the more I see of men the better I like dogs," men have been busily engaged in improving the raw material nature gave us in the savage, snapping, masterless curs, that even at this late day may be found in semi-

original wildness in some countries, notably Turkey and several districts of Asia Minor. What a jump is it not from the wiry haired outcast, that has to subsist on the bites he is able to steal from the door yards of men or that has to go a gaming when the hunger's bitter pangs seize him, to the delicate daily groomed favorite of our aristocracy feasting on specially prepared menus and who even then cannot muster up an appetite. Verily, verily, the breeding conditions and differences of environment are just as much a matter of record with dogs as they are with men. We have our Princes of blue blood as well as cheap guys, that do not know where their next meal comes from, in either class.

The man or men who interpret Nature's law correctly and who do their best to make all creatures our servants, as they should be, have not failed to seize the raw material as found in our dogs to produce and shape them into various breeds, each and every one of them peculiarly adapted to a certain want or special need. We have our hunters, our vermine destroyers, our watch dogs, our trailers after criminals and last, but not least, to furnish joy or pastime to our youngsters and the idle rich, our pets. The last few decenniums, along with its improvements, along with aerial flights, improved warfare and more humane methods for the wounded in the latter, has slowly, but surely, gradually but steadily seen the rise of a kind of dog, that was and is supposed to be a helper to men in assisting him to combat the enemy, detect the hidden evildoer, bring relief to the wounded soldier, who, crazed with thirst, crawled into the thicket, where he, too weak for return, would die undetected but for the dog. From this, the original duty of the breed, it was not far, to see him employed by the police in aiding his master to arrest, hunt up and hold runaways, nose out perpetrators of crime, in short, give with his addition to the force of that body some of the peculiar characteristics that only could be found in the "children of nature," our Indians, before a white man set his foot here to conquer. Departments of Police may be *supreme* rulers now, but with dogs to aid them they are certainly *invincible* in the future.

For fear of getting too much of a fairy tale, will not begin now the origination proper with the words "there

was once upon a time," although it would be perfectly right, for there was once a man by the name of Dobermann, an ardent dog fancier and as good a judge of dogs, their intrinsic value as helpers considered, as no doubt ever lived. He was the official dog catcher, the man that is supposed to do away with the odds and ends, that cannot call a home their own, in Apolda, a small city in Thuringen, Germany. He is now dead some twenty years, hence I need not mince matters. In connection with two friends, one of them the watchman in the church tower, who had to ring the "alarum bell," whenever fire broke out, or the city fathers were called together for a session, loved next to dogs, good health giving beer and to invest all their earnings in this "liquid bread," as they considered it, was a rule of their lives, which they never broke. A bitch, rather small, in color gray and rather wiry, exceptional sharp on vermin, a free breeder, was the favorite dog of Dobermann. She was exceptionally intelligent and could read her master's orders on his face before a word was uttered. In crossing her with various dogs, that came in his hands during the natural run of his duties, he finally perfected a larger dog, gave him a stronger physique, and received ultimately a specimen, that "carried a chip on his shoulder" at all times. We are not wrong in presuming that the large Rottweiler, a breed largely used by the German butchers, and the black and tan German sheep dog had to furnish some blood to make the new breed. The original bitch, "Schnuppe" by name, disappeared after the first few crosses, that produced an improvement and that held her intelligence along with sharpness for vermin in a stronger body. The name Dobermann, or as we call it here, Doberman, with only one "n," came gradually, because wherever Dobermann or one of his thirsty comrades would see a dog on the street of the make up or build as they had started it, they would sing out as once "See, there our dog" or words to that effect and the children being the first to take it up, were not lagging to run for mama's apron, if a Doberman came along. In fact the very word "Doberman" meant for a time "savageness, ugliness and freedom from restraint" and to get away from a dog of that kind was considered the better part of valor. I am glad to state that judicious breeding and training has corrected this original wild blood into proper channels and we now have a dog, that will not show the inherited tendencies except in the defense, where need be, of his master or his family.

Doberman Police dogs are as the above proves, an unadulterated product of Germany. It is true, there exists some other versions of their origin, but the best and closest siftings of old records will predominate in favor of our old friend the dog-catcher.

A Mr. Heusman, who imported often large droves of cattle from Switzerland, which he drove home to Central Germany aided by dogs, claims he brought along at one time some that

were afterwards perfected in what we now call the Police dogs. Others again say, the gray sheep dog crossed on genuine Russian Wolf is in them. Judging from all reports I am safe in saying, that all may have something in their favor and all may have had something to do with perfecting some particular strain of Doberman Police dogs, but the lion's share, the idea original, is certainly in favor of Doberman, the man with a thirst.

The first dogs of this breed to come to this country, as far as known at least, came in the Hamburg-American liner SS President Grant, a little over a year ago and found a home in western New York. From there their progeny has been distributed to as far as California, Georgia, Mississippi and about all states between. The American Kennel Club has granted to the original importer the registration of the word Doberman as a prefix, affix and as a kennel name, and as the beginning being the hardest in every game, is made, we need not fear that the future will not find this country ahead of others in breeding them to the highest possible standard.—Theo. P. Jager.

### KNOX COLLIE KENNELS

Has some thoroughbred Collie pups, sable and white, and black and white, ready for delivery now. Pedigree with every pup, and breeding guaranteed. Males \$10; females \$7.50.

**Knox Collie Kennels,**  
Knoxville, Tenn.

### AIREDALES. AIREDALES.

Registered and pedigreed and farm raised. Stock from the famous Clonmel Monarch breed. Splendid pets, good watch dogs, hunters, trailers, swimmers, retrievers, wild animal fighters. See March "Recreation," also "American Field," July 25th, 1908.

Write, whether you buy or not, to

**DR. L. C. TONEY,** - Humboldt, Arizona.

### AT STUD

Chief Wonder A. K. C. \$6883. Fee \$15.00. A cobby built, big boned son of

Ch. Woodcote Wonder, most famous bull terrier of his day. A few choice puppies sired by Chief ex Pharmacy Queen; she by Fire Chief.

**NAVAJO TERRIER KENNELS,**  
1923 W. 35th Ave., DENVER, COLO.



### Paralysis

Locomotor Ataxia. Conquered at last by Chase's Special Blood and Nerve, Kidney and Liver Tablets which force new life and strength into the paralyzed parts. A month's trial will convince you. Write for full particulars.—P. 3.

**Dr. Chase, 224 N. 10th St., Philadelphia, Pa.**

## PINO-LYPTOL

### WE MANUFACTURE and SELL

For Disinfecting Hen Coops and Dog Kennels as well as for general use:

Pino-Lyptol Crude. Pinozone. 30% Carbolyated Pine. Creozone. Saw Dust Powders and Odorless Disinfectants.

Write us.

**PINO LYPTOL CHEMICAL CO.,**  
36 Little W. 12th St., NEW YORK CITY.



## BOYS' DEPARTMENT

Address all communications for this Department, or concerning the Boys' National Poultry Club, to ROBERT G. FIELDS, 33 Caruthers Ave., Nashville, Tenn.

### Boys Exhibit at Tennessee State Fair.

Under the hottest kind of competition, and with birds of their own breeding, the members of the Boys' National Poultry Club who showed at the Tennessee State Fair won more than their share of the prizes, and showed the older breeders that the boys have the goods and can deliver it in good-sized chunks when the time arrives.

To begin with, Hagers' Cochin Bantams nearly swept the boards. They won more first prizes than any other Cochin Bantam exhibitor in the show. On Blacks, with only three birds entered and in a strong class, they won three firsts—cock, hen and pullet. This cock was conceded by Judge T. Reid Parrish to be the best he had ever seen of this variety, and their first prize pullet, a daughter of this cock, was a gem. Hager Bros. also showed five little Black Cochin Bantam chicks that were hatched a week before the show, and there was always a crowd around their coop admiring them.

Henry N. Snell made a fine showing in the R. I. White class. His birds were in tip-top condition, and being good ones anyway, they won with ease.

J. B. West, one of the most progressive boys made some good winnings at the fair with Guinea Pigs.

On Clean Leg Tumblers, Robt. G. Fields won 1st Black and 1st Red pairs in a strong, well filled class. He says these two pairs have never been defeated in the show room.

It is to be hoped that these and other Club members will send their birds to the Poultry Show to be held in Nashville in Dec. Here will be offered one of the Club's handsome sets of ribbons, and you should by all means try to add one of them to your list of trophies. Members who do not live in Nashville should follow Crowe's example and send a good string to this winter show. Besides the usual show-room attendants, I will be at the show every day and will see that all members' exhibits are cared for in the best possible way. Write to Mr. Fount H. Rion, Nashville, Tenn., for catalogue and entry blanks of the show, and be sure to send your birds.

ROBT. G. FIELDS.

### Club Notes.

A set of Club Ribbons will be offered at the New Berlin, N. Y. and Charlotte, N. C. shows, and we want all the boys in these vicinities to show.

The pair of Racing Homers offered by Mr. H. L. Schaller is attracting much attention among B. N. P. C. members. This pair was offered absolutely free to the member of our Club getting the most new members before Jan. 1, 1909.

Archie E. Vandervort won three prizes with four birds at the New York State Fair, and in so doing beat birds which last year won at Madison Square Garden. It seems that Archie wins more than his share wherever he shows.

For instance, take New York, the members up there cannot afford to send

their birds to some southern show for it would cost them more than the birds are worth, so if we divide we can give all a fair chance to win our prizes.

The result of the B. N. P. C. election of officers will be found in the "Boys' Dept." of Dec. "Hen." As the copy for this dept. must be in the hands of the Publishers by the 15th of each month in order to get into the issue for the next month, it would be impossible to give the returns in the Nov. issue.

All members whose dues expire Jan. 1, 1909, will have to renew before that date if they want their names listed in the catalogue. Your name, address and breed of fowls printed in as widely circulated catalogue as ours will in itself be a big advertisement. Better send in your fee now so you won't forget it.

I think that it would be very well for the B. N. P. C. to be divided into two departments. The poultry department, for members raising chickens, the pigeon department for members raising pigeons. This should be done for several good reasons: one is that it would increase the membership to a larger number; better prizes, in several shows in other parts of the country.

Remember, brother members of the B. N. P. C. this is the time of year when we should all lay in our stock of reading for the year. THE INDUSTRIOUS HEN is our mouthpiece, and the editor sends it to all our members for half price, so send your 25c to me in stamps or nickles and dimes and the good old HEN will come to you every month for one whole year. Those of our members who have stock or eggs to sell should advertise them in the Boys' Department.

This division would be very interest-

ing for the members of both departments to see which would have the best record when the annual catalogue is issued.—A. L. CROWE.

### DOG GOT FLEAS?

The editor of *The Dog Fancier* has a preparation that will positively remove all fleas from dogs and cats. It is harmless to the animal or coat. Sent, postpaid, for 50 cents. *The Dog Fancier* is a monthly illustrated publication, devoted solely to dogs. Now in its 17th year. Will send you a sample copy on request. Subscription price 50c a year. Address the Editor, EUGENE GLASS, BATTLE CREEK, MICHIGAN.

### Dogs Have Worms. Dogs Have Distemper. Dogs Get Out of Condition.

If you have a good dog, keep him in condition and free from worms and distemper by the use of the C. S. R. Remedies. They are the best on the market today.

50 cents Boxes, Postpaid.

G. S. R. CO., 76 Woodlawn Ave., JERSEY CITY, N. J.

### IF YOU HAVE A DOG YOU SHOULD READ FIELD AND FANCY

THE ONLY WEEKLY IN AMERICA DEVOTED ENTIRELY TO DOGS.

Send for free sample copy, and special trial subscription to readers of *The Industrious Hen*.

FIELD AND FANCY PUB. CO.  
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### THE LARGEST AND BEST DOG MONTHLY IN AMERICA.

Sixty-four pages of reading matter, with handsome duo tone illustrations of all the leading dogs and people of the fancy. Full critical reports of all Dog Shows. Sample copies free.

Current Number, 10 Cents.  
Subscription, \$1.00 a Year.

DOGLOVERS PUBLISHING COMPANY,  
LANSDOWNE, PA.

## WALKER'S BARRED ROCKS & WHITE WYANDOTTES

### WIN WHEREVER SHOWN

Winning 1st honors at Knoxville, Sweetwater and Madisonville, Tenn.

Our birds are farm-raised. Send us your order and start right  
STOCK AND EGGS FOR SALE.

WALKER BROS., R. 1, MADISONVILLE, TENN.



KING EDWARD, (Imported.)  
1st ck'l Tri-State Fair Memphis, '08.  
1st ck'l T Valley Fair Huntsville, '08.

### "TWICKENHAM BUFFS" "THE BEST IN DIXIE" SINGLE COMB BUFF ORPINGTONS

Pen No. 1:—"King Edward,"—"A Buff Orpington cockerel worth \$500.00," (Memphis Commercial Appeal.) He was sired by the greatest prize winning cock in England in 1907. Won 1st cockerel, Tri-State Fair, Memphis, Tenn., 1908; also 1st cockerel, Tenn. Valley Fair, Huntsville, Ala., 1908.

True Orpington shape, fine eye, glorious in color.  
Mated with "King Edward" are four wonderful pullets and three superior hens.

"Lady Luttrell," a granddaughter of "Champion of England" the most famous Orpington ever known. This pullet is a marvel in color, a really ideal bird.

"Countess of Kent," a pullet sired by the 1st prize cock at Madison Square Garden, 1907. The most delicate Buff ever seen in a Southern yard.

"Lady Huntington," another daughter of two 1st prize winners at Madison Square Garden. Very strong in color and shape. Eye and comb and style superb.

"Winnie Davis," a fine bodied pullet with clear wings and striking form, also a granddaughter of 1st prize winners, Madison Square Garden.

Three hens, from winners at Madison Square and Great Eastern shows. Hens won 1st, 2nd and 3rd hens at Tenn. Valley Fair, 1908.

THIS PEN CONTAINS THE FINEST BIRDS IN THE SOUTHERN STATES.

Eggs for sale. Prices reasonable. Fertility guaranteed.

TWICKENHAM POULTRY YARD, HUNTSVILLE, ALA.



## EAST TENNESSEE BERRY AND TRUCK GROWERS' ASSOCIATION

Conducted by T. C. Karns, Powell Station, Tennessee, to whom all communications for this Department should be addressed. Questions solicited and answered.

### The Editor's Short Stops.

This is the month to renew your subscription to THE HEN, if your time is out. Also ask a neighbor to subscribe.

Arrange to take the University short course this winter. If you have a boy send him, by all means. That is one of the ways to keep him on the farm.

The honest grower who always pleases his customer never has to hunt buyers. They come to him faster than he can supply them. There are no two ways about this fact.

The Weekly Market Growers' Journal, a business paper for busy gardeners, Louisville, Ky., is a necessity for every gardener. Write the publishers for a free sample copy. It's \$1.00 a year. If you send us the \$1.00, we will send you the Market Growers' Journal every week for a year, and the INDUSTRIOUS HEN every month for a year. The two for \$1. Send order to-day to the INDUSTRIOUS HEN Co. Knoxville, Tenn.

### Immature Stock.

Perhaps no one thing injures the vegetable and fruit markets more than selling green and immature stock. High prices could be maintained much longer if none but ripe and mature stuffs were offered. Both dealers and growers ought, in their own interests, to shut square off on all business of this nature. Thousands and hundreds of thousands of dollars have been lost by it this season. New Jersey truckers lost heavily by putting immature sweet potatoes on the New York market. Any class of growers will lose every time by pursuing such a policy. It would be to their own interest if the law condemned their stuff and turned it back on them before sales were effected.

### Second Crop Strawberries.

A second crop of strawberries has been marketed this year in some parts of Tennessee. The farmers near Calhoun report well-formed and finely flavored berries. At Tullahoma the second crop gave large berries and fine flavor. These accounts are probably exaggerated but we know there is something there to work on. Why not develop these second-crop plants on the Burbank plan of special selection? We confess to not being fully posted on the possibilities of the proposition, but we do know that the man who will double the strawberry crop each year ought to become a millionaire. Many stranger things are being done in this age of wonderful achievements.

### Markets Considered.

There are two kinds of market for truck and fruit—the local market and the shipping market. The local market is the one upon which most growers must depend. It is the more certain and the more likely to be successful for the average grower.

The distant market requires more expert knowledge and better business talent. Organization tends to remove many

of the difficulties encountered by individual effort. Without the advantage of a co-operative association the individual is badly handicapped and almost helpless as a shipper.

The recent progress in mining and manufacturing in the Appalachian region has greatly improved our local markets. Shipping for short distance has also been greatly improved by the opening of so many mines in East Tennessee.

### Grape Growers.

This was a prosperous year for the Knox County grape grower. The crop was fine and prices good. The local demand took the crop without any crowding.

We know one grower especially who made his best profits in eight years. He furnished fruit stands regularly through the season all over the city. The crop was delivered in trays which were returned and thus the expense of baskets was saved. The dealers sold in paper bags which seemed to suit the economy of the times better.

There was no disease to speak of this year and sacking was unnecessary. Our grapes ripen before northern shipments come in. When the production exceeds local demand shipment will also pay handsomely. Knox county ought to do a big grape growing business.

### Apples on the Farm.

Take it up one side and down the other and you will find no fruit on the farm equal to a good apple. The judicious farmer may easily arrange to have apples on his table from July 1 till May or June of the following year. To do this he will of course need to arrange a suitable cellar for storing his winter apples. Of what other fruit can you say so much?

Having the use of apples in the farm home during this long period is no small matter if not one were ever sold. But really much money can be made of this fruit besides. There is money in both the local and the distant market. To most farmers it is the local market that pays. And most money is made from early and late varieties. The first come when there is little competition and bring fancy prices. The latter keep over till competition is exhausted and then find ready sale. Every farmer should study the apple question and make the most possible out of this valuable fruit.

### Intensive Trucking.

What do we know about trucking? Very little! Almost nothing! The average value per acre of vegetables in the United States is \$42.09. The average in suburbs of New York City is \$140. Around Paris the French gardens reach \$1,600 per acre. So we have much to learn.

The French gardeners ship truck all over Europe—almost! And now they

are preparing for shipping to America!

How do they do it? By the intensive system. They make early and fancy crops under glass. They run crops all the year round—winter the same as summer. Winter is the time for big money crops. Three crops grow on the same land at the same time. One goes off while another comes on.

The yield per annum for one acre of ground in these French gardens has reached as high as \$6,000. The amount of manure and fertilizers is enormous. Labor costs big money. We are not yet ready for so intense a system but it is time for us to begin to learn.

### Selling the Crop.

Growing fruit is only half the battle. Selling it is the other half. It is not every one that grows fruit successfully. The number that can sell it with success on the retail market is much smaller—say one out of a dozen successful growers.

In the first place the successful seller must understand his market. He must know the wants and demands of his customers. He must know how to make himself pleasant and agreeable to them. A sullen and uncongenial man can do but little in this business.

The seller must be active and energetic. He must be on the market early and devote every minute to his business. He must keep in touch with the range of prices and know just what the market will bear. To ask too much will block trade. To ask too little will curtail profits.

It takes a certain genius, to market fruit and truck successfully. It isn't possible to describe all his talents in detail. If you have them you are all right. If not you would better go to shoeing horses or hunt up some other job for which you are better fitted.

### Sweet Potatoes to Ship.

A problem for the truckers of East Tennessee is, what sweet potato to grow? Recently we talked with a prominent shipper in Knoxville. "East Tennessee farmers," said he, "are all wrong on sweet potatoes. They grow a white-meated sweet potato and I can't sell anything in the North but a yellow-meated sweet potato. Arkansas is the only place I can sell white-meated sweet potatoes."

Well, thought we, that is easily remedied. We'll just state the fact in THE HEN and everybody will grow yellow meats. But first we saw Mr. Cooper, a prominent grower on Blackoak Ridge. "The yellow meats won't grow here," said he, "That is to say, not enough to be profitable."

Then we saw Mr. Ogden, another Blackoak man. "Yes, that's the problem," said he and I am trying to solve it this year by growing the Nancy Hall a yellow-meat variety. I don't know just how it will come out for the yield is not so large as from the white meats but perhaps it is enough to pay."

So here is a problem for us to solve. We can ship hundreds and thousands of car lots all over the North, where sweet potatoes sell for a high price by the pound, if only East Tennessee growers will raise what these people want. Will the growers meet the condition by finding and growing the right potato? It will be hundreds of thousands of dollars in their pockets to do so.



### Lexington, Miss., Poultry Show.

The Holmes Co. Poultry Association, will hold their first show Dec. 14 to 17th, with N. L. Hutchinson, judge. It is the determination of the members to make this one of the strongest Associations in the South, and to bring its shows to the point where winners here will be fit to compete in any company. For further information address, J. S. Gwin, Secretary, Lexington, Miss.

### Opening for a Poultry Ranch.

El Paso, Texas, Oct. 10, 1908.

Editor Hen:

This is the best poultry country I ever saw, and there is the finest opening here in the South for a first class poultry ranch. If you have a good man who would come here and establish one. If he will write me I will get up a stock company and assist him in getting a location. The climate is all that could be desired. Yours Truly—JOHN A. LOVE.

### Farmers' Institute Workers.

The Thirteenth Annual Meeting of the American Institute Workers will be held in Washington D. C. Nov. 16-17, 1908. Discussions will be had on Agricultural College Experiment Stations, Normal, High and Public Schools, Agricultural Journals and Agricultural Fair Associations. The meeting will be presided over by Dr. Tait Butler, State veterinarian, Raleigh, N. C., and those taking part are gentlemen fully able to handle the subjects assigned to them.

### The Charleston, S. C. Show.

The premium list of the Charlestown Poultry Association for their Fifth Annual Show, to be held Dec. 8-11, has been issued. It offers a very attractive list of specials and for solid cash it is not surpassed by any show in the South. With the attractions they offer the classes will no doubt be well filled and competition hot. The show will be conducted under A. P. A. rules, of which the association is a member. Your birds will receive careful attention and a hearty welcome awaits all breeders who can attend in person.

### Silver Penciled Rock Club

Was formed at Madison Square Garden, Dec. 19, 1907. W. Theo Wittman was elected temporary Chairman; Wm. F. Fotterall, Secty. Wm. Wittman stated that the object of the Club was to promote and push forward the beautiful variety and give them the proper place that their good qualities entitle them to in the Rock family. The Club then proceeded to elect officers for 1908. President, General E. A. McAlpin; 1st Vice Pres., Hon. E. A. Weimer; 2nd Vice Pres., W. Theo Wittman; Secty., Wm. F. Fotterall. The next meeting of the Club will be held at Madison Square Garden, Thursday, Dec. 31st. There will be handsome ribbons offered, for cock, hen, cockerel, and pullet, and several valuable silver cups. Those wishing to join the Club can do so by sending \$2.00 to Wm. F. Fotterall, Secretary, Oak Ford, Pa.

### Morristown, Tenn., Poultry Show.

This was a first-class county show with about two hundred fowls on exhibition. Besides ribbons and cups for specials the cash prizes were \$3 for best pen. The quality at this show was excellent, showing what a great improvement has been made in the birds owned by the farmers. It was just the kind of a show we like to see, as nearly every exhibitor was a farmer and all the birds shown were raised by the owners. It is difficult to get the farmers to show their birds, but we were glad to see exhibits by a number of new people, though we personally know that there could have been over twice as many birds—good ones too, shown by farmers living in the vicinity of Morristown. R. I. Reds were the largest class, of surprising good quality; Mohawk beat

Morristown in this class. Next came the Brown Leghorns of good quality. S. S. Smith & Bro. won in youngsters. Next were Anconas; good ones too, shown by L. M. Barrett, of Morristown, who tells us he has done a good business this summer and fall on his ad. in THE HEN. He has the birds alright. White Wyandottes in hens were A. 1. Black Minorcas too young, the old birds out of shape. Some surprisingly good B. P. Rocks were shown by Mrs. L. B. Howery, though only four months old they were well grown and good shape and the best B. P. Rocks we have seen for some time. White Leghorns, Buff Orpingtons, Light Brahmas, Pekin Ducks and Toulouse Geese made up the list. The interest taken by the public in the poultry department was a great improvement over last year. Four times as many people took in the poultry show. The silver cup for best in American Class and prize for best exhibit was won by Herbert Haun. The silver cup for best in Mediterranean Class by S. S. Smith & Bro., best exhibit by lady, Mrs. S. W. Felkner, who also won prize for best brown eggs. Last year there were three exhibits of eggs, this year twelve. The judging was done on the second day by T. L. Bayne, of Russellville, Tenn., and the ribbons were up promptly. The exhibitors were apparently satisfied with Mr. Bayne's work as he will officiate next year. THE HEN was much in evidence, being represented by L. M. Barrett, of Morristown.

### S. C. B. MINORCAS

Genuine Northrup stock. Raised on free range and are strong and vigorous. Always win a majority of best prizes wherever and whenever shown. A choice lot of young stock and a few yearling hens for sale.

Eggs for hatching at all seasons.

W. W. JENKINS

R. F. D. 3 Bentonville, Ark.

### SINGLE COMB BLACK MINORCAS

### Stock for Sale

FRED E. CARTER

1003 Irwin St. Knoxville, Tenn.

### Rose Comb Rhode Island Reds

Only won 27 Ribbons and 2 Silver Cups last 3 shows. Choice breeders at Bargain Prices. Eggs half price.

HENRY T. SHANNON, Box S, Cary Station, Ill.

## McFERRIN'S EUREKA PLYMOUTH ROCKS

BARRED AND WHITE

At the recent Tennessee State Fair at Nashville, 1908, I won 1st cockerel in White Rocks and in Barred, 3rd cock; 2nd and 3rd hen and 2nd pullet. Eggs in season. Stock for Sale,

SANFORD McFERRIN, - - - Springfield, Tenn.



## - A - DEE FARM

J. A. DINWIDDIE, PROP.

S. C. RHODE ISLAND REDS and S. C. WHITE LEGHORNS

For sale at reduced prices after June 1st, a grand lot of 1 and 2 year old Breeders. Also eggs at one-half price.

J. A. DINWIDDIE, ROUTE 3, NEW MARKET, TENN.

## KENTWOOD POULTRY FARM

J. H. MILLER, Prop. - KENTWOOD, LA.

### BARRED, BUFF AND WHITE PLYMOUTH ROCKS SILVER, GOLDEN AND WHITE WYANDOTTES

Light Brahmas, Buff Cochins, S. C. White and Brown Leghorns. S. S. Hamburgs; S. C. Black Minorcas, Cornish Indian Games, R. C. R. I. Reds. Eggs: \$2.00 to \$5.00 per setting of 15, or \$8.00, \$10.00 and \$12.00 per one hundred for incubator use. Stock for sale and some great bargains in cocks and cockerels of all breeds that we handle.

### POLAND CHINA HOGS

Best blood line in America, pedigreed and registered, moderate prices.

### THE FINEST DOG KENNEL IN THE SOUTH

Fox terriers, the finest ratters on earth. Scotch Collies; sable and white; black and white; and tri-colored. Pointers of the best breeds, all pedigreed and registered. We also have a fine flock of Toulouse geese. WE GUARANTEE EVERY SALE AND WANT NO DISSATISFIED CUSTOMER. Plenty of stock for sale; write us your wants.

## WHY GAMBLE IN DOUBTFUL STOCK?

FOR THE VERY BEST OBTAINABLE IN

BARRED PLYMOUTH ROCKS, WHITE PLYMOUTH ROCKS, BUFF ORPINGTONS, LAKENVELDERS, SILVER LACED WYANDOTTES AND ANCONAS

Consult the **BLUE BLOOD POULTRY FARM**  
P. O. Box 1, Charlotte, N. C.

Strictly High-Class Exhibition Stock a Specialty. At prices one-half asked by reputable Northern Breeders.

Charlotte, Jan. 17-23, '08.

18 Firsts, 16 Seconds, 10 Thirds, 7 Fourths, 6 Fifths, 6 Sixths, besides 11 Specials and 3 Silver Cups, on six breeds. 94 entries.

Nashville, Jan. 6-11, '08.

Our record was 58 prizes on 81 entries: 12 Firsts, 11 Seconds, 10 Thirds, 12 Fourths, 7 Fifths, also 6 Specials.



Jamestown, Oct. 20-30, '07.

6 Firsts, 6 Seconds, 4 Thirds, 3 Fourths and 1 Fifth. 20 Prizes on 44 entries, \$100.00 Silver Cup Prize



S. C. White Leghorns and White Orpingtons.

Mr. D. A. Walker, manager Wahash Poultry Yards, Arifton, Ala., had a fine string of the above breeds at the great Birmingham, Alabama, State Fair. Everyone was impressed with their great beauty. His birds have style and shape and are white to win on.

Winning White Leghorns.

Gebhart's S. C. White Leghorns are of the true Kentucky stock and are winners wherever shown. Reader, if you are going to invest in S. C. White Leghorns either see these or write for description and prices. Leghorns that win on quality, first, last and always at such exhibitions as Louisville, Lexington, Harrodsburg and Cincinnati, are worth producing from. Ask W. E. Gabhart, Bohon, Ky., what he can sell you and we'll guarantee you will be pleased.

Frank's Rhode Island Reds.

There were more S. C. Rhode Island Reds shown at recent Nashville and Birmingham Fairs than any other one breed. A "Red" cockerel that attracted general attention and admiration, especially on account of his rich dark red plumage and deep undercoloring was "Red Feather" shown by James M. Frank, of Nashville Tenn. Mr. Frank showed at the same time a number of extra good pullets, and won 3rd cockerel and 3rd pen at Nashville, and 2nd cockerel at Birmingham.

Black Orpington Winnings.

At the recent Great State Fair at Nashville, Park Poultry Pens, Miss Alice Pelton, manager, on Black Orpingtons won as follows: 1 pen; 1, 2, 3 ckl; 1 ck; 3 pul. At Birmingham these famous birds took everything as follows: 1, 2, 3 pul.; 1 ck.; 1 ckl.; 1 hen; 1 pen. The Age-Herald says: One of the finest exhibits ever seen in Birmingham is the Black Orpington exhibit shown by Park Poultry Pens of Nashville. These birds are being greatly admired and are the finest specimens on the continent, the cock bird alone being valued at \$300.

St. Louis Poultry, Pigeon and Pet Stock Association

Will hold its annual show Nov. 23 to 28. The poultry judges will be Dan J. Shove, Mass., Geo. Hettick, Mo., and S. T. Campbell, Mansfield, O. The pigeons will be judged by K. J. Muir, Ill. These gentlemen are all well known. All of them have officiated, at all of the leading Poultry Shows, and have given perfect satisfaction. The management hopes to make this one of the largest, and most successful poultry shows ever held. They desire to have entries from all parts of the country. The premiums are large, and numerous. The list of special premiums being unusually large. Premium list may be obtained from T. W. Orcutt, Secty., 5972 Highland Ave., St. Louis, Mo.

Poultry Show at Spokane, Wash.

Sixty-eight varieties or 15 more than were entered during the Lewis and Clark exposition at Portland in 1905, were exhibited at the annual poultry show in connection with the Spokane Inter-state Fair, October 5 to 10, thus breaking all records on the Pacific Coast. In addition to the standard varieties, there were 15 of the 16 recognized breeds of Polish and Hamburg birds, all standard Leghorns and Plymouth Rocks and 16 varieties of Bantams. H. H. Collier, an authority on poultry culture and a prominent exhibitor, who was superintendent of the department, said the show was the largest and most complete he has yet seen in his experience of 20 years, covering shows from the Atlantic to the Pacific and that there were more first-class fowls than he had ever seen before at a single show. The attendance at the fair was large, more than 125,000 persons passing through the stiles in the six days. J. C. Clipp, of Saltillo, Ind., was the judge.

The Missouri State Poultry Show to the Front.

Breeders of thoroughbred poultry, who are looking for a good place to exhibit their birds,

should not overlook the Great Missouri State Show at Trenton, Mo., Dec. 8-12, 1908. This Association has the largest membership of any in America, and is now setting the pace for all other State Shows. Missouri made a gain of \$5,000,000.00 last year in its surplus poultry products, largely through the influence of its State Association. This is the official organization of Missouri and receives a \$4,000 biennial appropriation from the State. Missourians are taking hold of thoroughbred poultry with a vengeance, and the State Show affords you an opportunity to get in touch with those who are in the market for eggs or stock.

The State Show pays in cash prizes on pens \$10 for first, \$5 second. \$2.50 third; and on single entries, cock, cockerel, hen and pullet. \$5 for first, \$3 second, and \$1.50 third, and only charges 50c entry fee on singles and \$2 on pens. In addition to paying the largest premiums paid in America, nearly all the specialty clubs have offered silver cups and ribbons at this show, also specials by the American Poultry Association, also many other silver cups and cash specials. The show will be cooped with uniform coops which are furnished free to every exhibitor, and everything done to make the show as attractive as possible. T. E. Quisenberry, Secy., Slater, Mo.

**WILL YOU SEND ME \$2.00 FOR A BARRED ROCK COCKEREL,** knowing your money will be returned if he is not satisfactory? Exhibition birds \$5.00 up. Breeders Hens and Pullets \$2.00 and \$3.00. **MONEY BACK PLAN.**  
Geo. C. Hathaway, Barred Plymouth Rocks, Sheldon, Ill.

Poultry Show Supplies. See page 625.



**KEEP A RECORD  
OF  
YOUR CHICKS**

**BY MARKING THEM.**

We send you a Rubber Stamp of their feet for 15c, and as they are marked you take the record down in a memoranda book.

**THE INDUSTRIOUS HEN CO., Knoxville, Tenn.**

**S. C. BUFF ORPINGTONS**

I breed but one variety. In buying from me you run no risks in getting mixed stock. I guarantee a good hatch from eggs. Also guarantee birds I ship to satisfy my customers or same may be returned. Your inquiry or order will have prompt attention. Eggs \$2.00 per 15; \$10.00 per 100.

**J. L. ALLEY, BOX 110, MIDWAY, ALA.**

**RHODE ISLAND REDS ROSE AND SINGLE COMB**

**Largest Exclusive Breeders of Reds in the South.**

All birds standard bred, correct color, and shape. None but the best allowed to live. Eggs for hatching a specialty. List of winnings, with matings for 1908 free. Satisfaction guaranteed. Eggs from Prize Pens, \$2.00 per 15. Special prize matings \$3.00 per 15.

**WEST DURHAM POULTRY FARM, WEST DURHAM, N. C.**

**SUMMER SALE!**

**350 OF THE BEST BREEDERS I EVER OFFERED FOR SALE**

**BARRED P. ROCKS AND S. C. R. I. REDS**

If you want real quality at a price, write me at once. They must be sold before I move to my new farm. Eggs \$2.50 for balance of season. If you want Fox Terrier Puppies, we have the right kind.

**MILES POULTRY FARM, Columbus, O.**

**RHODE ISLAND REDS**

Eady's exhibition and utility strains. He got the best to start with and it's the best he offers you. At Alabama State Fair, 1908, class of 100 birds, Marshall, Judge, he won 1st cock, 1st and 3rd cockerels, 1st pen and 2nd pullet. Also special for second best pen in American class and \$10.00 cup for best display any one variety. Is that not good enough? **STOCK FOR SALE. EGGS IN SEASON.** : : : : : : : : : Write for mating list.

**C. W. EADY, GUNTERSVILLE, ALA.**

Pedigreed Dogs, all breeds; Birds, Parrots, Monkeys, Pigeons, Pet Stock : : : : :

**BELLEVUE POULTRY SUPPLY CO. Ltd.**  
740 Camp St., NEW ORLEANS, LA.  
**Incubators, Brooders, Feed, All Poultry Supplies**  
WRITE FOR CATALOGUE AND INFORMATION

We buy and sell Fancy Poultry of all breeds. Carry a full line. Will take on consignment or buy outright : : :



### Poultry in Arkansas.

#### STATE FAIR.

The Arkansas State Fair of 1908, held at Hot Springs, has passed into history. The poultry department was the largest and best ever assembled in the State, there being about 1500 birds in competition. Judge Blanks had his hands full from 9 a. m. Tuesday till Friday night in selecting the winners. About 700 head of huckster stock was turned down by the Superintendent because of their late arrival. At the annual meeting of the State Poultry Association resolutions were passed commending the work of Judge Blanks and a vote of thanks extended to Secretary Gill of the Fair Association for his courteous treatment of the poultry people. Action was also taken on the matter of barring hucksters from competition at future State fairs, it being decided to restrict the entries of all exhibitors outside the State to five varieties. Very little kicking was done and that was from the huckster class.

Mr. Blanks is a careful and conscientious judge and no right thinking exhibitors can find fault with his work.

#### HEMPSTEAD COUNTY FAIR.

The poultry department of the Hempstead Co., Ark., Fair was one of the best fall shows the writer has seen in the State and would do credit to any place as a winter exhibit. In fact it was a poultry show with agricultural and exposition features on the side. There were 320 birds in line, all uniformly cooped and all were popular varieties shown by local breeders. Interest in the poultry was intense, it being necessary to rope off an alley way and shut out the crowd in order to allow the judging to proceed.

We found Buff Orpingtons typical in shape and grand in color. White Leghorns that would make some of our oldest fanciers hustle and many specimens in other varieties that were possessed of exceptional merit.

H. H. Howell and W. O. Hart, the Superintendent and his assistant, are the right men to handle a poultry show. Both are enthusiastic breeders and good business men. C. P. Bridewell, Arch Moore, L. P. Bonner, Jas. Taylor, W. P. Whaley, and many others whose names we do not recall are deeply interested in the work and we predict for Hempstead Co., a great future in the poultry industry.

We understand that arrangements are being perfected for holding a show at Hope in Jan., the date of which will be announced later.

#### SOME ARKANSAS ADVERTISERS.

We would like to call the attention of our Arkansas readers especially, to a number of new advertisers that have recently been introduced in the columns of THE HEN. They are all personally known to the writer, who will vouch for their integrity.

W. W. Jenkins, of Bentonville, is a breeder of S. C. Black Minorcas of many year's experience, and his birds show skillful breeding and careful handling. His flock contains birds scoring up to 96 points, and they have won the blue ribbon for him at many of the leading Southwestern shows. Our recent visit to his place was right in the molting season, and many of the old birds were in rather a ragged condition, yet Mr. Jenkins reported a very good daily output of eggs.

Mrs. J. H. Browning, of Judsonia, is offering her S. L. Wyandotes and S. S. Hamburgs at closing out figures, as she desires

to breed only the R. C. Reds, Buff Leghorns and Penciled Rocks from now on.

Mrs. T. E. Batchelor, of Avery, advertises her White Rocks, Pekin Ducks and M. B. Turkeys. She had a string of her birds at the fair last fall that won a majority of the ribbons in their respective classes and also the admiration of all who saw them. Mrs. Batchelor is a careful and conscientious breeder and will not knowingly sell a bird except at its true value.

Mrs. May McKinnon, of Siloam Springs, is offering Buff and Black Orpingtons of both sexes at bargain prices. Hers is an exceptionally good laying strain.

We met Gordon Matthews, of Jonesboro, at the fair last fall and expect to see him there again this year, with a string of his White Wyandottes. He is the kind of a fancier that we like to meet and one whom we can commend to our readers.

Mrs. A. G. Boyle, of Bentonville, has a flock of S. C. Reds and White Wyandottes second to none that we have ever seen. The Reds are especially fine and being raised on unlimited range are large and vigorous. She offers about 60 pullets for sale at a very reasonable price, and being a new breeder she is very anxious to please her customers.—G. C. Watkins.



### MOFFITT'S

Perfection Ideal Aluminum Leg Band—12 for 12c; 25 for 20c; 50 for 40c; 100 for 65c. State variety bands are for. Send two cents for sample. For Poultry and Pigeons.

J. MOFFITT, Southbridge, Mass.

### BLACK MINORCAS

Ask About Hillcrest Quality

SOME GOOD TRIOS FOR SALE  
Eggs After January 1st, 1909. Orders Booked Now

### BARRED ROCKS

R. G. McCANTS, Prop.

Hillcrest Poultry Farm - Ninety-Six, S. C.

### S. C. WHITE LEGHORNS

That have won highest honors at Cincinnati, Louisville, Lexington, Kentucky State Fair and Harrodsburg. Is it quality you want? If so write me.

W. E. GABHART, Box M, Bohon, Ky.

## (S. C.) RHODE ISLAND REDS

Some choice breeding stock yet for sale at reasonable prices. 100 large early hatched Cockerels at \$2.00, \$3.50 and \$5.00 each. Trios and pens mated for best results, at from \$5.00 to \$15.00 each. Eggs for hatching from selected matings at \$2.00 per setting, or two settings for \$3.50. Incubator eggs are \$8.00 per hundred. Write your wants and ask for free booklet.

**LAKEMONT POULTRY FARM,**  
**WARD & LANE, Proprietors. Box 57, Winter Park, Fla.**

# CHICK- KENS

Biltmore Farms,

Poultry Dept.

Biltmore, N. C.

## BARRED PLYMOUTH ROCKS FOR SALE

To make room for hundreds of young chicks I am offering all of my breeding stock, consisting of 70 yearling hens and 7 cock birds at such low prices that any one wanting the best in the South can obtain them. Why send your money up North or East and pay four or five times as much for birds when you can get better here for so much less. My Rocks have an unbroken show record at the South's best shows.

**I have never exhibited nor sold a bird for a show room that failed to win the blue ribbons.**

This speaks as to quality. The stock I am offering are all high class birds. If you are interested don't delay but write today for prices and full description.

**C. P. HALE, Barred Rock Specialist, R. 1, Sweetwater, Tenn.**

**SCOTCH COLLIE DOGS OF MOST UP-TO-DATE BREEDING**



A Hale Winner



The Century.

Ernest Thompson Seton's new story, "Domino Reynard of Goldur Town," the history of a silver fox, which is to be one of the fiction features of *The Century* in 1909, has for its purpose—in the author's own words—"to show the man-world how the fox-world lives—and above all to advertise and emphasize the beautiful monogamy of the better-class Fox."

S. C. Buff Orpington Club.

The fifth annual meeting of the National Single Comb Buff Orpington Club will be held in connection with the New York Poultry and Pigeon Association Dec. 29, 1908-Jan. 3, 1909, inclusive, at Madison Square Garden. The exact time and place of holding the meet will be announced later. The Eastern branch of the club will also hold their branch show at this time.—WILL H. SCHADT.

Frank Langford's Rhode Island Reds

Won at great Tri-State Fair, Memphis, 1 ck, 1, 2 hens, 1, 2 ckl, 1, 2 pullets, 1 pen. \$20 cash special for best display, and \$50 cup for best pen. At Tennessee State Fair, Nashville, they won 7 out of possible 9 firsts and the \$20 gold special for best display in the show. This makes three years in succession that Langford has won 1ck, 1 ckl, and 1 hen at this show—winning 1st pen and special for best display two years out of three.

Here's an Opportunity.

Norwood, La., Oct. 6, '08.

The Industrious Hen Co.,

I would like very much to go into the poultry business, if I could get someone interested with me who understands the business. I have a place near here containing 335 acres with a good house on it, and some tenant houses; it is high and dry. We could raise nearly all the feed that would be needed.

Do you know of anyone I could get, would prefer a family. Yours truly, E. BUTTERWORTH.

A 286 Egg White Leghorn.

It will be a source of pride to Tennessee breeders to read the record of the white Leghorns of Nola Chucky Poultry Farm, Morristown, Tenn., an account of which will be found in another column. An average of over 190 for just short of nine months is one to make you sit up and take notice. Mr. Ballard gives an account of his methods of feeding and housing, which will be of value to any breeder. We inquired about his 286 record hen and he states that this is a trap nest record for one year. Mr. Ballard has sold nearly all of the fowls he can spare but

he will have eggs for hatching to sell. So if you want to raise egg machines try some of the noted Holston Strain White Leghorn eggs.

Bellevue Poultry Supply Co.

We wish to call attention to the ad. of the Bellevue Poultry Supply Co., Ltd., of 740 Camp St., New Orleans. Their establishment is a unique one, where one may buy anything in the dog, bird or pet stock line. They also carry a full line of poultry supplies, feed, incubators and brooders. In addition they carry a full line of poultry of all the standard breeds. A long felt want is filled by them in the poultry department, where they not only buy and sell standard bred poultry but will also sell your fine fowls on commission. They buy birds by the hundred and sell the same way. In fact they run a regular poultry exchange. We have many advertisers who wish to sell. Here is one who is most anxious to buy. They will give the preference to the advertisers in THE HEN who can supply what they need. They are people of means and are to be relied on. The manager, Mr. Andree Dessommer, is an agreeable and progressive gentleman who will give you a good time and a square deal. The most popular and unique exhibit at the Jeanerette, La., Fair, was that of the Bellevue Poultry Supply Co. It was crowded from morning till night.

S. C. BUFF AND BLACK ORPINGTONS.

Superior laying strain. Prize Winners. Write for bargain prices on both young and old stock. MRS. MAY P. MCKINNON, Siloam Springs, Ark.

If you visit the Show next Winter you will notice my S. C. Rhode Island Reds. They are RED.

SAM M. COOPER,

FOUNTAIN CITY, - - TENN.

RHODE ISLAND REDS

made a clean sweep at Memphis, \$25.00 special for best display, \$50.00 cup for best pen. 7 out of possible 9 firsts at State Fair, Nashville. \$20.00 gold special for best display in show. Line-bred winners from Madison Square Garden to Texas. : STOCK FOR SALE. : Catalogue.

FRANK LANGFORD

R. R. 10. - NASHVILLE, TENN.

I Want You to Write Me

If you expect to raise chickens this year I want to tell you how to make your poultry yard more profitable. Read this offer:

1. I will send you my big complete Queen Incubator and Brooder Book free by return mail.

2. I will give personal attention to any questions not answered in the Queen book.

3. I will send you a Queen Incubator under a strong and binding Five Year Guaranty.

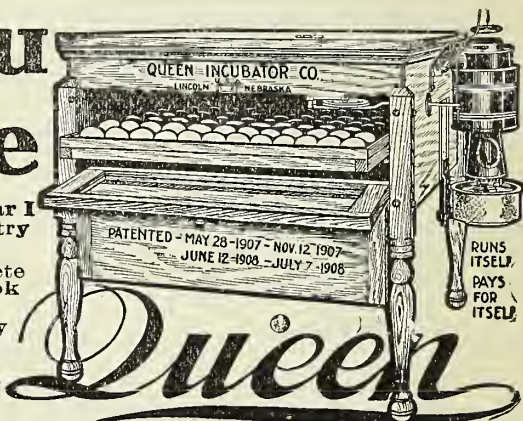
4. I will in addition give you a 90 Day Free Trial of any machine you may select.

5. I will prepay the freight, so that the price you pay me is all you have to pay—no big freight bill to surprise you.

Upwards of 80,000 chicken raisers have accepted the above offer and now know and appreciate the fact that they can get larger hatches and stronger chicks.

Last year while all other incubator manufacturers complained of falling off in orders, the sale of Queen Incubators more than doubled. My company was the only large manufacturer of incubators that doubled its business in 1908. Think this over. Address,

Wickstrum, Queen Incubator Co., Lincoln, Nebr.



Note Size and Price	
60 Eggs.....	\$ 8.00
110 ".....	10.00
160 ".....	12.50
220 ".....	15.00
340 ".....	18.50
I pay the freight.	

The Rogers Perfect Brooder

EVERY FEATURE NEW! EVERY PRINCIPAL PERFECT!

The only thing new in brooders in ten years. Never fails to capture the blue ribbon.

WATCH THIS SPACE NEXT MONTH

Rogers Brooder Company  
Lebanon, Tennessee



Avoid  
the  
Danger  
of  
Cheap  
Fire-trap  
Incubators  
and  
Brooders

# CYPHERS FIRE PROOFED INSURABLE INCUBATORS and BROODERS

**An Event of Supreme Importance** has occurred in the poultry world—an event that is certain to result immediately in great benefit to users of incubators and brooders. *Expert mechanical and electrical engineers, working under the direction of the Committee of Consulting Engineers of the*

**National Board of Fire Underwriters**

after a long period of investigation finally adopted a set of detailed specifications covering the construction of INSURABLE INCUBATORS AND BROODERS.

**STANDARD CYPHERS INCUBATORS AND BROODERS for 1909** will be built in compliance with the Rules and Requirements adopted by the National Board of Fire Underwriters and every 1909 pattern incubator and brooder manufactured by Cyphers Incubator Company will be inspected by the Underwriters Laboratories (Inc.) under the direction of the National Board of Fire Underwriters and will bear the Laboratories' official label.

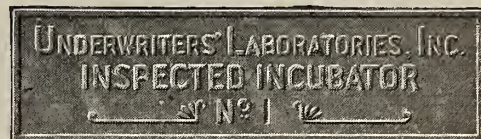
**Cyphers Incubator Company** is the first in the world to build incubators and brooders that meet the requirements of the ASSOCIATED FIRE INSURANCE INTERESTS and is the first company in the history of the poultry business to be granted labels by the Fire Underwriters covering inspected and approved incubators and brooders that have satisfactorily stood this hard test.

**No Two Labels** issued for incubators and no two labels issued for brooders are to have the same number.

**Sound Advice:** Buy and use Incubators and Brooders made to conform with requirements of Fire Insurance Experts. Do not risk your life and property by operating cheaply-built Incubators and fire-trap Brooders! Our 1909 Catalog, Free to you, gives the whole story. Also illustrates and describes every article we manufacture. Special chapters point the way to sure success with Poultry. Write today.



Guaranteed  
Best Hatcher



Form of Brass Label to be Found (in Serial Numbers) on Every 1909 Standard Cyphers Incubator, All Sizes and Similar Label (in Serial Numbers) on Every Cyphers Brooder for 1909

Address Nearest Office

**Cyphers Incubator Company**

318 Court St., Buffalo, N. Y.; 21-23 Barclay St., New York City; 72-76 Lake St., Chicago, Ill.; 26-30 Union St., Boston, Mass.; 2325 Broadway, Kansas City, Mo.; 1569 Broadway, Oakland, Cal.; 117 Finsbury Pk., London, Eng.

## Change in Date.

The Third Annual Show of the Monroe Poultry and Pet Stock Association will be held from Nov. 10 to 14 inclusive, instead of Dec. 9 to 11 as previously announced. Premium is now ready and will be sent upon request. C. E. Faulk, Secretary.

## St. Nicholas.

Colonel Charles W. Larned, a professor at the West Point Military Academy, has written for the November *St. Nicholas* of "The West Point of To-day." The story is to have for illustrations a number of West Point pictures, which were obtained by Colonel Larned specially for this sketch.

## Ohio Branch Medals.

The Gold and Silver Medals offered by the American Poultry Association in Ohio Branch territory will be competed for at the Cincinnati show, Jan. 12-16, 1909. These medals are as follows: One Grand Prize Gold Medal for the best cockerel in a group composed of the American, Mediterranean, English and Asiatic Classes; a Silver Medal for the best cockerel of each variety in these classes. The gold medal is open to competition only to A. P. A. members. All other medals are open to general competition. These medals are more desirable as premiums than silver cups and should attract large entries at the Cincinnati show. Send to the secretary of the Cincinnati Association, Julius Friedeborn, 139 W. 6th St., Cincinnati, for premium list or other information. Chas. E. Cram, Carey, Ohio, Sec. Ohio Branch.

## Ready Sale for Your Surplus Stock.

Here is an opportunity for our readers to dispose of poultry in large lots, the J. Steckler Seed Co., of 512 Gravier St., New Orleans, will buy thoroughbred poultry in fifty or one hundred lots. They are well known breeders but cannot supply the demand. Their main business is in seed, plants, trees, of all kinds, and they have the best reputation of any seed house in the South and have won medal upon medal for their exhibits of seed, garden supplies, trees, plants and flowers. When you need anything in their line you can be sure that you will get what you want if the Steckler Co. guarantees it. So much poor seed is sold that it is money saved to buy from a reliable house.

## The KNOXVILLE STORAGE CO. SOLE AGENTS, 123 Jackson Avenue, KNOXVILLE, TENN. CARRY FULL LINE CYPHERS' INCUBATORS AND BROODERS.

Prospective buyers are invited to call or correspond. They can save you money and show goods before you buy

## THE BELLEVUE POULTRY AND STOCK FARMS NONE BUT "THE BEST"

BREEDERS OF

## FANCY AND UTILITY POULTRY AND EGGS Various Kinds of Pet Stock.

We : : : The Dixie Incubator and Brooder, and Complete Poultry Plants  
Manufacture

JEANERETTE, LA.

## Poultry Department at Carlisle.

The Superintendent of Poultry at the Central Arkansas District fair is another man who did the right thing by shutting out from competition the huckster exhibitors from outside the state. They were allowed to place their birds on exhibition but were not allowed to compete for premiums. There was a nice clean little exhibit of about 175 birds from over the State and like all other fall shows that we have handled, so much enthusiasm was roused among local breeders that a winter show has already been decided upon and same will be pulled off either at Carlisle or Lonoke, some time in December.

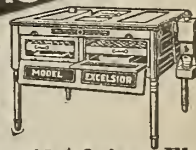
The fanciers of this section have some fine birds, especially in S. C. W. Leghorns, Lt. Brahmas, Blk. Langshans and S. L. Wyandotts, and any place that can produce from 40 to 90 bushels of a cereal grain as they do of rice here can surely produce poultry of all kinds at a handsome profit. Here's luck to you boys.—G. C. W.

## Attention Poultry Raisers

If you desire to reach a good class of buyers for your improved chickens, fowls and pet stock, you cannot find a better medium than "The Dixie Home," Birmingham, Ala. Advertising rates 20 cents per line, six words to the line. Give us a trial advertisement.

## Hatch Chickens By Steam

"Excelsior" and "Wooden Hen" Incubators hatch every fertile egg. Require little attention; solve problems of heat, moisture and ventilation. Catalogue free. GEO. H. STAHL, Box 48 A Quincy, Ill.





**Buff Leghorns in the South.**

About three years ago I started to breed S. C. Buff Leghorns by buying a cheap pen from a local breeder, and I thought I had the prettiest lot I ever saw. I used them as breeders that year and did not raise a good chicken from them; they all had black or white in wings or tail.

I made a mistake that many others often do by not starting with extra good stock at the beginning. It costs a little more at first, but you will soon get it back with good stock, but when you buy cheap stock you never gain much. The next year I got rid of that pen and purchased a pen of extra fine breeders and went into the show room and beat the man I bought the first pen from all to pieces, and have been doing it ever since.

My pullets begin laying at from four and a half to six months old, and keep steadily at it all through the winter. They moult early in the fall and are ready to lay again by the last of October, which makes them very profitable to me during the winter. If the little chickens' wings are clipped about every two weeks until they are about six weeks old they will grow very fast and make a fine broiler chicken, as by clipping the wings it stops the feather growth and strengthens the body more.

I put out two broods last year at the same time; one was Barred Plymouth Rocks and the other Buff Leghorns. I kept the Leghorns' wings cut and at six weeks the Leghorns were a trifle larger than the Rocks. I have tried the Leghorns with a number of other breeds at the same time, and they always do better for me than any of the others.

I am breeding Buff Wyandottes now with the Leghorns, and if I had to give up one I would keep the Leghorns, as I believe there is more money in a good strain of Buff Leghorns than any other breed in the Standard. This year I expect to raise several hundred birds, mostly Leghorns. Some claim that to get eggs in winter from Leghorns you have to have a very warm house. Our winters here in Kentucky are very severe, and I have got eggs every day during winter when it was cold enough in the house to freeze the water solid in the fountains. I would open up the windows every day for four or five hours, and let them have plenty of fresh air, and I did not have a frosted comb in the lot.

If one wants to start in the poultry business, and wants to get a breed of fowls that will stay with them always, they will make no mistake in starting with Buff Leghorns, providing they get good stock or eggs from some reliable breeder, and then join the Buff Leghorn Club, they will be on the right road to success.

I hope that every breeder of Buff Leghorns will join our Club and help to

make the Buffs the greatest fowl in the world, as they are gradually coming to the front and in a little time will be known as the greatest, prettiest, and most profitable fowl in the world.—T. T., Gardner, Ky.

Poultry Show Supplies. See page 625.

**S. C. WHITE LEGHORNS**

Choice Stock for Sale  
Eggs \$2.00 per 15

JOHN C. CRAWFORD, MARYVILLE, TENN.

**Grow Mushrooms**

For Big and Quick Profits  
Small Capital to Start  
A Safe Business



I am the largest grower in America. Ten years' experience enables me to give practical instruction in the business worth many dollars to you. No matter what your occupation is or where you are located, here is an opportunity to acquire a thorough knowledge of this paying business.

Send for Free Book giving particulars and information, how to start, cost, etc. Address

**JACKSON MUSHROOM FARM**  
3372 N. Western Ave., Chicago, Illinois

**POULTRYMEN--**

Send 10c for our 1909 Catalogue. Chuck full of useful information. Describes and Illustrates 35 Varieties. You Can't Afford to be Without it.

**EAST DONEGAL POULTRY YARDS, Marietta, Pa.**

**QUALITY ALWAYS WINS!**

Buff, White and Partridge Wyandottes, Barred Plymouth Rocks, S. C. W. Leghorns and Pekin Ducks of the Bluest Blood.

**WINNERS OF 102 FIRST AND SECOND PRIZES**

At the recent Ohio, Kentucky, Tennessee and Illinois State Fairs.

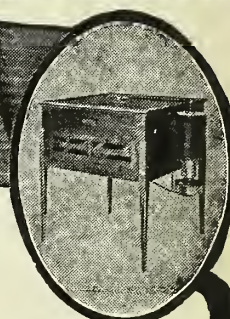
**2000 HIGH CLASS EXHIBITION BREEDING BIRDS FOR SALE**

SATISFACTION ALWAYS GUARANTEED.

**HARTMAN STOCK FARM POULTRY YARDS**

Please mention  
THE HEN.

**Columbus, Ohio. H. B. HARK, Mgr.**

**MODEL INCUBATORS AND BROODERS**

Just the equipment you must have to make money with poultry. Easy to operate. Sure in results. Mild uniform heat, absolutely controlled, coupled with perfect ventilation in Model Incubators and Brooders, attained in a degree not secured in any other make. Results:—more chickens hatched—more chickens raised.

**The Model Patent Automatic Lamp Filler**

saves time, saves labor. Is quickly adjusted and keeps the lamp filled to a certain depth at all times. Can be attached to a five or ten gallon tank near by, or a barrel of oil placed outside the incubating room. Will take care of any number of Incubators and Brooders.

A Flame Extinguisher for smoky lamps, absolutely preventing a lamp explosion, is a new feature for 1909. Send for descriptive literature.

Chas. A. Cyphers,  
President,

**MODEL INCUBATOR CO.,**

**332 Henry St.,  
Buffalo, N. Y.**

**TAYLOR'S JAMESTOWN WINNERS**

In White Muscovy Ducks and White Holland Turkeys. Duck Eggs at 20 cents each from pens that won at Jamestown, Virginia State Fair and Virginia Poultry Association. Stock of eggs in White Holland Turkeys all sold. Booking orders for young Turkeys now. Write for prices.

**R. RANDOLPH TAYLOR,  
R. 2, BEAVER DAM, VA.**

**C. W. HENDERSON & CO., Model Incubators, Knoxville, Tenn.**



**Feathers and Down.**

An enterprise of interest to poultry raisers, is the Knoxville Feather and Down Co., which will start operations about the first of the year. This concern has a new machine to produce 90 pounds of down from 100 pounds of feathers. It will use 1000 pounds of feathers a day and expect to get the largest part of its supply from Morristown, tho' probably some from China. It will be a distinct advantage to the industry to have a regular market for feathers here in East Tennessee. Later we will be able to give our readers quotations on feathers and much which now goes to waste in the feather line can be turned into money.

**Asheville, N. C. Show.**

Say, have you got your eyes on the Asheville Poultry and Pet Stock show, which comes off Dec. 1-4? If not, you had better be looking this way, if you want to place your birds and dogs in one of the greatest shows that will be held this season. We are receiving requests for catalogues and entry blanks daily, from the North, East, South and as far West as Oklahoma. We will have a long string of Silver Cups, and cash prizes, as well as handsome ribbons for the winners. We had more coops last year than we had birds, but we are going to have several hundred more birds this year, and are making arrangements for more coops, so your birds will not be too much crowded, and will show off to a good advantage. Our catalogue will be out Nov. 1st, so send your name, and have it put on the mailing list at once. Address Mrs. C. B. Campbell, Sec-Treas. Asheville, N. C.

**BALTIMORE SHOW BANNER SHOW OF THE SOUTH**

JAN. 5, 6, 7, 8 and 9, 1909

**THE MARYLAND POULTRY AND PIGEON ASSOCIATION (Incorporated)**

Liberal premiums. Valuable cups and specials. Judges of national reputation.

Entries close December 21, 1908. All premiums paid last day of show.

For premium list address **GEO. O. BROWN**, Secretary, 1812 N. Washington St., Baltimore, Md.

**REMEMBER**

**THE BANNER SHOW OF THE SOUTH  
CHARLESTON, S. C.**

**December 8-9-10-11th, 1908**

**LIBERAL PREMIUMS, UNSURPASSED COOPING, PROMPT RETURNS**

**P. A. ROBERTSON**, Secy. & Treas., CHARLESTON, S. C.

**ASHEVILLE POULTRY AND DOG SHOW**

**ASHEVILLE, N. C., DECEMBER 1-4, 1908.**

**F. J. MARSHALL**, Judge of Poultry.

Competent Judges will place ribbons on Dogs. Prepare your Birds and Dogs for one of the Best Shows in North Carolina. Liberal Cash Premiums, Silver Cups and Ribbons for the Winners. Address

**MRS. C. B. CAMPBELL**, Sec'y, Asheville, N. C.

**SOUTH'S GREATEST SHOW! NASHVILLE, TENNESSEE**

**DECEMBER 8-12, 1908.**

**Poultry, Pigeons, Pet Stock and Dogs**

Show of the Great Southern Division  
National S. C. Buff Orpington Club

**MORE HANDSOME SILVER CUPS THAN EVER OFFERED  
BY ANY ASSOCIATION**

**LIBERAL CASH PRIZES** Come to Nashville and Bring  
a Big String of Birds

**Greater Nashville Pet Stock & Poultry Association**

**BENJ. D. HILL,**  
**FOUNT H. RION,** } Secretaries.

**T. REID PARRISH,**  
Superintendent.

**NASHVILLE, TENNESSEE.**



**Bruce Bros., Crescent, La.**

In view of the number of failures which have been made in the poultry business around New Orleans by a number of ill-advised persons, who undertook the business with no previous knowledge of or preparation and no proper management, it is a great pleasure to call attention to the success of Bruce Bros., of Crescent, La., about eighty miles from New Orleans, on the Texas & Pacific R. R. Their show record gives a complete answer to the question, can A. I. birds be raised in the far South? Their plant is on a 480 acre plantation and over 20 acres are devoted to poultry alone. The breeders are managed in 100x30 ft. runs, and the youngsters are raised in one and two acre lots. They have a modern incubator and brooder plant. One brother lives on the plant and devotes his entire time to the business. The writer has seen birds

**S. C. BUFF ORPINGTONS**

Blue Blooded, Well Bred, Well Raised Winners. My birds are good to eat, good to lay, good to show. Won at Knoxville, Dec. '06, 1 ckl; 1, 2, 3, 4 pul; 1 pen; club specials for best cock, hen and pen and Grand Silver Cup of Na. S. C. Buff Orpington Club. Eggs \$3.00 per setting.

A. C. COCHRAN -- KNOXVILLE, TENN.

**BUFF WYANDOTTES**

THE HANDSOME AND USEFUL BREED.

A nice lot of stock for sale, both old and young.

EGGS FOR SALE, AFTER JAN. 15

**W. C. GRIFFIN,**  
BRISTOL, TENN.

**PARK POULTRY PENS**

QUALITY OUR MOTTO

R. I. Reds, Black Langshans, Black Orpingtons, White Wyandottes and White Plymouth Rocks. 300 Reds now ready for Fall trade. Black Orpingtons from my champion pen never beaten. Langshans, Wyandottes and White Rocks not great in number, but grand in quality.

**MISS ALICE PELTON, MANAGER.**  
2209 14th Ave. N., Nashville, Tenn.

**S. C. RHODE ISLAND REDS**

Eggs \$3 and \$5 per 15

**"RED FEATHER"**

(Won at Nashville and at Birmingham)

**Will Head "First Yard"**

**EGGS \$5 PER 15**

**BOOK YOUR ORDER NOW TO  
INSURE DELIVERY**

**JAS. M. FRANK**

Montrose Avenue  
NASHVILLE, TENN.

**DON'T MISS IT! IT IS A WINNER!**

**THE BRISTOL POULTRY SHOW**

DECEMBER 16, 17, 18, 19, 1908

**New Coops, Handsome Silver Cups,**

**STATE CLUB CUPS AND RIBBONS**

**Prompt Payment of Premiums**

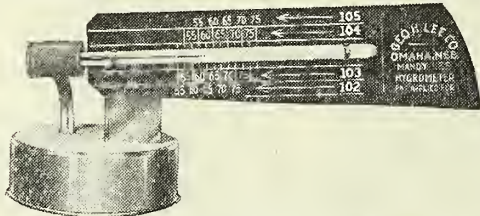
WRITE NOW FOR CATALOGUE.

**J. H. DREVENSTEDT, Judge, W. H. COCHRANE, Sec'y.**  
Red Bank, N. J. Bristol, Tenn.

bred by him, proving that he knows his business. Mr. R. E. Bruce is in the poultry supply business in New Orleans, where he fills many orders for birds, and is a poultry writer of note, his articles and illustrations being a feature of the *Southern Poultryman* each month. They have won in three years at large shows over seventy-five first prizes, eleven cups, and specials too numerous to mention. They have first-class Jersey cattle and collie dogs which win. We can recommend these gentlemen from personal knowledge.—T. L. B.

**"Incubator Hygrometry."**

Is the name of a booklet just received from the Geo. H. Lee Co., of Omaha, Neb., explaining moisture requirements in artificial incubation. It describes their latest invention, a Hygrometer, (or moisture gauge), which they say is the only one on the market adapted for use in incubator temperature of 101 to 105



degrees. We have made no actual tests of the instrument but it "looks good" to us.

The booklet is interesting and instructive; and if the Hygrometer does the work it is guaranteed to do, artificial incubation will be more profitable in the future than ever before. With it moisture is regulated and controlled as accurately as heat, and whether you are an actual or prospective incubator operator it will pay you to read the "book"—free for the asking. Address Geo. H. Lee Co., Omaha, Neb., and don't forget to mention THE INDUSTRIOUS HEN.

**Bill of Sale.**

Petros, Tenn., Sept. 28, 1908

Editor Hen:

We have this day sold to W. P. Wood of T. W. Wood & Sons, Richmond, Va., and delivered to manager poultry department Williamson Farms, Mattoax, Va., one flock of yearlings and young males and females S. C. White Leghorns including all our late noted winning males and females, with many noted winning males and females, with many others. Our Perfection 1st, as cockerel, World's Poultry Show Jamestown Exposition, Va., and including the noted female winners in all the best shows in Southern States. With this grand flock goes to the new owners our good will, and to those wishing choice breeding stock and eggs for hatching will do well to remember these good breeders. Yours Respt. WILBER BROTHERS.

**BUFF WYANDOTTES**

Are the BEST fowl on earth. Ask me "WHY?"

At St. Louis, Nov. 1907, on three entries I won 3 ribbons. Eggs \$2.00 per 15.

**E. F. GILLET,**  
R. F. D. 3. ROCKFORD, ILL.

**COLUMBIAN WYANDOTTES**

AND

**S. C. BROWN LEGHORNS**

**Winners—Layers—Breeders.**

We have them in both Old and Young Stock. Write us your wants.

**SATISFACTION GUARANTEED**

**STURTEVANT BROS.**  
KUSHLA, ALA.

**DOAK'S  
WHITE WYANDOTTES**

**BRED FOR BEAUTY  
AND BUSINESS.**

The "Foremost Strain" of the Southland in Quality and Winnings.

Investigate our claims. We satisfy the most exacting : : : : : :

**E. L. DOAK & SON,**  
NASHVILLE, TENN.



**IRON FENCE**  
LOW PRICE HIGH GRADE—  
CATALOGUE FREE.  
**DOW WIRE & IRON WKS. LOUISVILLE, KY.**

**WE BUY THOROUGHbred POULTRY**  
Write and Make Us an Offer  
**J. STECKLER SEED CO., Ltd.**  
512-516 Gravier St., NEW ORLEANS, LA.

The largest seed house in the South—vegetable, flower, field and grass; fruit trees, roses, everything. Breeders of Fancy Poultry, Swine, Pigeons, Rabbits.

**BUFF ORPINGTONS**

The type of my flock is firmly established, and the beautiful clear Buff is excelled by no breeder in the country.



Exhibition Stock Always on Hand.

**H. H. KINGSTON, JR.**

Brighton P. O. ROCHESTER, N. Y.

**Rhode Island Reds**

Lebanon, 1908, won 2d cock, 2d pullet, 2d pen.

Tullahoma Fair, 1908, 2d cockerel, 1st hen, 3d pullet, 2d pen.

**WHITE AND BARRED ROCKS**

EGGS AND STOCK FOR SALE

**J. O. NORTON**

East Station, NASHVILLE, TENN.

**FISHEL WHITE ROCKS** At HALF PRICE

Knapp Bros'. White Leghorns Dirt Cheap

**S. C. Rhode Island Reds**

AS RED AS THEY GROW

Grand pen of two-year-old White Rocks, direct from Fishel, cost \$57; first draft for \$28.50 gets them; grand, large, snow-white birds. A pen of yearlings, bred from above \$16. White Leghorns \$1 each while they last. Pen of Reds, headed by an Eastern winner, \$25; splendid early hatched youngsters \$5 per trio. First money gets pick; must sell.

**C. W. BUTTLES**

59th and Jackson Ave., Kansas City, Mo.

**RHODE ISLAND REDS**  
CALLAHAN AND SON  
EAST POINT, GA.  
THIS IS THE BEST RED FLAME  
1st Cock at JAMESTOWN.  
HEADS OUR FIRST PRIZE  
OUR MOTTO "QUALITY"  
SEND RED STAMP FOR RED CATALOG  
NUMBER 12 STOCKY EGGS FOR SALE

**Label all Show Coops.**

Secretaries of poultry shows do everything in their power to make their shows popular, and nothing will do it more than to have the coops labeled, showing the breed in each coop. We have recently visited several shows that lacked this essential, and we were surprised to hear people ask so often the names of certain breeds. It is not their fault. They go to the shows to see and to learn and every facility should be offered them. We have assorted labels of everything called for in the Standard, printed on heavy board, 1x12 inches, and will send any quantity for one cent each. Send us a list of what you want, or if you ask on a postal we will mail you an order blank, giving the entire list. Send today to THE INDUSTRIOUS HEN, Knoxville, Tenn.

**Greater Nashville Shows, Dec. 8 to 12.**

If the poultry department of the State Fair may be an index to the Poultry Show to be held next month in Nashville it will more than eclipse anything of the kind ever held under one roof. Nashville doesn't do things by halves, and especially is this true of the poultry people of Middle Tennessee. Nashville is fully able to hold two shows a year. She has the territory and the breeders. Her reputation as a poultry center is established. She has business men and hustlers behind her organization. Look at this: "Fifty handsome silver cups, one \$100 silver and gold cup, 200 club badges and \$2000 worth of liberal cash premiums." The show will be divided up into the following departments: Poultry; Turkeys, Ducks and Geese; Pet Stock; Pigeons, and Dogs. The following well known poultrymen are at the head of this show: L. R. Eastman, Secy. Board of Trade, President; Dr. W. B. Lincoln, Vice-President; Benj. D. Hill, Secy-Treas; Fount H. Rion, Secy. and Press Correspondent; T. Reid Parrish, Chairman Show Committee. Judges, Thos. S. Faulkner, Chas. McClave, Geo. Ewald.

**J. O. Norton a Winner.**

J. O. Norton, Nashville, Tenn., won at Birmingham as follows: White Rocks, 1st ck; 1st & 2nd hen; 1st & 2nd ck; 1st & 2nd pul; 1st pen. On Barred Rocks, 1st ck; 2nd hen; 3rd pen, and a special, this on a showing of only twelve birds. A pair of his winners went to the Augusta show for a good price.



2000 Early Hen Hatched Reds.  
1000 Yearlings for Sale at Hard Time Prices.

De Graff's Book on Reds is the Finest Poultry Book Ever Published.

CIRCULAR FREE.

De GRAFF POULTRY FARM, Amsterdam, N. Y.

**"Houdans of Quality"**

Cut Prices on Eggs. 100 choice breeders for sale. Free catalogue. Set eggs in June and July and hatch winners.

Dr. G. W. TAYLOR, Box H, ORLEANS, IND.

**BLACK LANGSHANS**

Cockerels and Pullets

—BRED FROM—

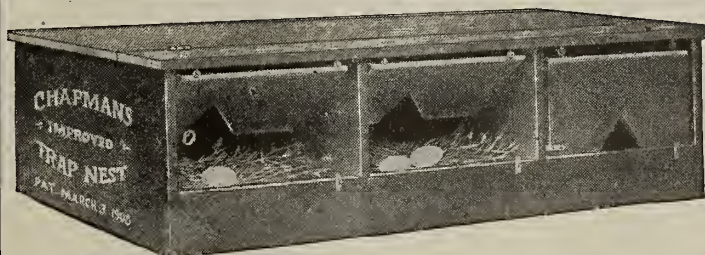
**MY PRIZE WINNERS**

And good enough to go in any show.

\$2.50 to \$10 Each, \$5 to \$15 per Pair

**T. C. ADAMS**

BRISTOL, VA.-TENN.



**CHAPMAN'S**

Improved Trap Nest

Is a revelation in trap nests. Wonderfully simplified

and positive in its workings. Will absolutely break the hens of the habit of eating eggs. Takes up no more room than a regular nest. It is a convertible nest. Will save its cost on any poultry plant by picking out the non-layers in the fall for market. Made in three-fourths inch white pine lumber, planed on either side, and nicely painted. It is guaranteed to work or money refunded. Made in three and six nest sizes, \$3.00 and \$6.00 respectively. Send for catalogue.

Chapman Trap Nest Co., 174 Federal St., Boston, Mass.



### Southern Columbian Wyandotte Purse.

The following parties have contributed to a purse to be divided between Columbian Wyandotte breeders at a poultry show this season, the place to be selected by them. The purse will be divided as follows: 10 per cent. each on best shaped male, best shaped female, best colored male, best colored female, and best pen; 7½ per cent. each on best cock, best hen, best cockerel and best pullet; and 20 per cent. on best display, the latter to be awarded by points. Those who have contributed and voted to date are as follows:

Sturtevant Bros., Kushla, Ala.*	\$10.00
J. H. McDaniel, Warsaw, Ky.	3.00
R. S. Guess, Augusta, Ga.†	10.00
H. E. Cain, Asheville, N. C.*	2.50
R. S. Bollinger, Columbia, S. C.	2.50
T. Reid Parrish, Nashville, Tenn.	10.00
	\$38.00

\* Vote for Knoxville; † Augusta.

Contributions and votes should be sent in right away, as the last report will be published in the December HEN. Every Wyandotte breeder is entitled to enter the contest. All that is necessary to do is to send the amount you desire to contribute and name the place where you want the purse competed for to the editor of THE INDUSTRIOUS HEN, Knoxville, Tenn., Who has been requested to receive the money and votes.

### The Bristol Poultry Show.

Much interest is being shown in the Bristol Poultry show for Dec. 16, 17, 18 and 19 by the fanciers of the Association and the State. Several who exhibited at the last show write that they intend to enter more birds in Dec. The Association will furnish all coops for exhibiting the birds, which will add much to the show. Several handsome silver cups will be offered by the Association. The members of the White Leghorn Club have voted their State



### THE FAVORITE BAND

Adjustable. Prices post paid, 12 for 15c., 25 for 20c., 50 for 35c., 100 for 60c.

CHAS. L. STILES, Columbus, O.

### Buff Orpingtons, S. C. Black Minorcas

BLUE BLOODED, FARM RAISED, PRIZE WINNING, MONEY MAKERS.

The fowls for eggs, for meat, for general purposes. Won in Buffs, 1st cock, 1st ckel., 1st and 2nd hen. In Minorcas, 1st and 2nd hen at Merriestown Show, Owen, judge. My fowls are great egg producers, lay when eggs are scarce. They are full of vigor, vitality and vim. Eggs, Orpington, \$2.50. Minorcas, \$2.00, a setting.

Mr. and Mrs. George Miller, Hill Top Poultry Farm, R2, Russellville, Tenn.

### TERRELL'S S. C. Rhode Island Reds WINNERS SINCE 1905

Houston, Tex.; Marshall, Tex.; Charleston, S. C.; Augusta, and Atlanta, Ga.; Nashville, Tenn.; Aberdeen, Miss.; Montgomery, Mobile, and Birmingham, Ala.

IN THE HANDS OF MY CUSTOMERS:—Nashville, Tenn.; Dallas, and Fort Worth, Tex.; Augusta and Atlanta, Ga.; Greensboro, N. C., and other shows.

EGGS:—Prize Mating \$5.00. Special Mating \$3.00. After May 1st, half price. Utility, Fancy Breeders and Prize Winners for sale. Circular free. Write me your wants. L. K. TERRELL, 304 Tusculum Ave., BIRMINGHAM, ALA.

## The Red Apple Real Estate Co. WENATCHEE, WASH.

Will place you on

## THE RICHEST IRRIGATED FRUIT LANDS

That will pay largest profits per capital invested of any land on earth.

At the Lewis and Clark, and Portland Expositions, 1905, fruit from the Wenatchee Valley received 35 of the 85 gold medals awarded, besides 68 bronze and 20 silver medals.

At the Inter-State Fair, Spokane, Wash., October, 1908, Wenatchee Valley received the two highest awards offered by the Inter-State Fair.

## COME AND SEE FOR YOURSELF

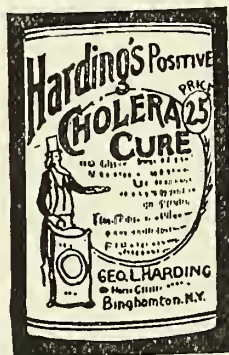
We can show you the

## Finest Homes on Earth at the Lowest Possible Price

References: Associate editor this paper, J. C. Clipp, of Saltillo, Ind.; First National Bank, Wenatchee, Wash. Write for literature.

## RED APPLE REAL ESTATE COMPANY

A. J. LINVILLE, Mgr., WENATCHEE, WASH.



## You Will Get Your Money Back

If any of the following remedies fail to give the results claimed for them.

Harding's Positive Cholera Cure, - 25c. By mail, 40c.  
Harding's Successful Roup Cure, By mail, 50c.  
Harding's Antiseptic Lice Killer, - 25c. By mail, 40c.  
Harding's Head Lice Ointment, By mail, 25c.

If your dealer cannot supply you, write the undersigned. Take no substitute.

Use Harding's Granulated Milk for Poultry. \$3.00 per 100 lbs.

Clean, Dry, Wholesome. Keeps in any climate. Write for free booklet today.

Geo. L. Harding, Box 66. Binghamton, N. Y.

Cup to be awarded at Bristol, also the Buff Orpington State Cup will be offered to the members of the Club and likewise the Buff Wyandotte. Liberal cash and merchandise premiums will be offered, and payments will be prompt. The score card will be used, and Judge Drevenstedt will award the premiums. Write now to W. H. Cochrane, Bristol, Tenn., the Secy., for premium list, and follow the crowd.

### An Honest Confession.

Sweetwater, Tenn., Oct. 14, 1908. Industrious Hen Co., Knoxville, Tenn. Gents,—Will have to confess your paper certainly gets the orders for me. Thought you charged too much for space, so tried cheaper space in other journals and therefore I got very few orders for high class birds. You know I don't breed the culls and only mate my very highest type birds, therefore cannot afford to sell for a song like those who mate up their birds carelessly, so have decided if you get good stuff you have to pay for it; and have been converted that your paper for high class buyers is worth more even if space is higher, than in half-dozen cheap journals—So please give me my same old space for another year. Yours respectfully, Jno. F. CHILDRRESS, "the White Leghorn Specialist."

### WHITEWASHING

and disinfecting with the new  
"Kant-Klog" Sprayer  
gives twice the results with same  
labor and fluid. Also for spraying  
trees, vines, vegetables, etc.  
Booklet free. Address  
Rochester Spray Pump Co.  
31 East Av., Rochester, N.Y.

## BRODIES CORDIAL

The Ideal Household Remedy

A sure cure for cramps, colic, cholera, diarrhoea, dysentery, cholera infantum, all bowel troubles.

### For Poultry

A teaspoonful to each quart of water will be a sure cure or preventative for all bowel troubles.

I. L. LYONS & CO., Ltd., Proprietors  
222 to 226 Camp, 529 to 533 Gravier Sts.  
NEW ORLEANS, LA.



# EGGS

You have a fine lot of pullets to start the winter with. You want them to be profitable. They will be profitable if rightly handled. Have you any plans for stimulating laying?

## Darling's Laying Food

does that better than anything else you can feed. It has been the reliance of the largest and most prosperous poultry keepers year after year for many years—people that have eggs to sell when prices are high. Only \$2.00 per 100-lb. sack.

Darling's Scratching Food, \$2.00, Chicago; \$2.25, New York. Forcing Food, \$2.00. Chick Feed, \$2.50. Beef Scraps, \$2.75. Oyster Shells, 70c. Mica Crystal Grit, 65c.

These prices are for 100-lb. sacks, f. o. b. Chicago or New York. Cash with order.

Trial order solicited. Send your name for our good little poultry book "Fill the Egg Basket," and our large, finely illustrated catalogue. Address nearest office.

### DARLING & COMPANY

Box 41, Union Stock Yards, Chicago  
Box 41, Long Island City, New York

### Red Apple Real Estate Co.

The State of Washington is destined to be one of the greatest, if not the very greatest state in the Union. The material resources of the Commonwealth, in themselves stupendous, are sufficient to justify such a statement. But this is not all. The State of Washington is rich in more than this, for the character of citizenship devoted to the upbuilding of her interests, is of the very highest order. And of all the men of which this may be truthfully said, is A. J. Linville, manager of the Red Apple Real Estate Co., of Wenatchee, Washington, and ex-president of the Wenatchee Valley Fruit Growers Association. Mr. Linville is not only the Business Manager of a well organized real estate Co. but is the owner of one of the best ranches in Wenatchee Valley which is valued at \$30,000. But only a few years ago Mr. Linville came to Wenatchee with but \$16.00 in his pocket. His success has come through a devotion to the higher ideals of the profession of farming.

The Wenatchee Valley is noted for growing the primest fruit in the world. The writer knows to his personal knowledge of parties who left the East under the advisement of Mr. Linville and purchased fruit ranches in the valley that today are worth their thousands, that otherwise would today have been day laborers.

While Mr. Linville is interested in Real Estate and Loans he is no shark or money grafter but an ideal citizen, a Christian gentleman and of that character of man that gives toward making an ideal citizenship, the character that develops and forces the growth of any country. Any man or woman who wishes to become the owner of the richest fruit lands on earth will be perfectly safe in placing their business in the hands of the Red Apple Real Estate Co., of which Mr. Linville is President and business manager. He will give you fatherly advise and place you on

lands that will net you the greatest profit acre for acre of any land on earth.

Land owners from all parts of Europe are investing their money in Wenatchee Valley where the big red apples grow to perfection. The climate is ideal. The citizens are of the best cultured. The land affords good schools and churches. If you wish to locate in a rich healthy climate write The Red Apple Real Estate Co., of Wenatchee, Washington. See their advertisement on opposite page of this issue.

### To Members of Southern District White Plymouth Rock Club.

Offers are now being solicited from shows desiring the district meeting of our Club and you will soon have the opportunity of voting for your choice.

Plans are already under way for this meeting and the inducements offered for the winners will be sufficient to make it worth your while to send your birds no matter what the distance. J. F. Bruns, Greenville, S. C., Vice-President, Southern District.

### Don'ts

Don't allow filth and dirt to accumulate if you desire success.

Don't allow an unmated cock to remain in the breeding pen.

Don't try to keep rats, mice, cats and pigeons together as they will not all agree.

### INCUBATOR OIL

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No Smoke, no Odor, a perfect Oil, made from premium Pennsylvania Crude.

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"Have been feeding Lee's Egg Maker during the past 12 months and never had my hens do as well as they have this year. They have been healthy, matured early, and the best layers I ever had."

MRS. D. HOUGH,  
Admire, Kansas.



## LEE'S EGG MAKER

It pays to feed Lee's Egg Maker every month in the year, but more especially during the fall and winter. It is different from others as you may see by only a casual examination; contains nothing "just to make it weigh"—is the Poultry food of the Petaluma country—is rich in protein, and everywhere acknowledged as the best and cheapest poultry food obtainable.

Lee's Egg Maker is largely granulated blood (deodorized), the most highly concentrated form of meat food, one pound of which is equal to 16 pounds of fresh beef.

It is rich in protein—a natural poultry food that not only insures a maximum egg-production but makes fowls stronger, healthier, and more profitable in every way.

Buy it on our guarantee of an increased egg-production at a reduced feeding cost.

Prices: 25c to \$2.00 according to size.

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### SEND FOR A FREE TRIAL TREATMENT

of the remarkable new discovery which quickly reduces superfluous flesh from men, women and children leaving the person in normal weight and good health.

ANTI-FAT treatment takes off fat at the rate of five pounds a week. No person is so fat but what it will reduce no matter where the excess fat is located—Bust, Hips, Stomach, Neck, Cheeks—it will quickly reduce without exercise, exertion or dieting.

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## ECZEMA

Instant relief and positive cure. Trial treatment mailed free.

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Instant relief and positive cure. Trial treatment mailed free.

International Co., 1123 Broadway, New York Toxico Laboratory, 1123 Broadway, New York



**Tennessee State Fair, Nashville**

Sept. 21-26, 1908.

**BARRED PLYMOUTH ROCKS.**—S. McFerrin, 3 ck; 1, 3 hen; 2 pul. C. H. Dozier, 2 ck; 3 ckl; 3 pul; 3 pen. Hartman Stock Farm, 1 ck. J. T. Davis, 1 hen; 1, 2 ckl; 1 pul; 1, 2 pen.


**BUFF PLYMOUTH ROCKS.**—Hartman Stock Farm, 2 ck; 3 hen; 3 ckl. L. Saunders, Jr., 1, 2 ckl; 1 pul; 2 pen. C. F. Fallen, 1 ck; 2 hen; 3 pul; 1 pen. V. Barrow, 3 ck; 1 hen; 2 pul; 1 pen.

**WHITE PLYMOUTH ROCKS.**—S. McFerrin, 1 ckl. G. M., 1 ck; 2 pul. Tie 1 pen. W. B. Shelton, 1, 2, 3 hen. J. O. Gorton, 2, 3 ckl; 1, 3 pul; tie 1 pen.

**WHITE LEGHORNS.**—Hartman Stock Farm,

**MAKE YOUR OWN CUT GREEN BONE**

It's a very easy, simple operation with a CROWN Bone Cutter. Green bone makes eggs, and stimulates the hen's productive organs. Cut bone fresh every day. The Crown does it quickly with no bother or muss. 25 years building cutters. Write for free catalog. **WILSON BROS., Box 646, EASTON, PA.**



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I have also stock to sell of M. B. Turkeys, Pekin Ducks, Rankin strain and Brown Leghorns. The turkeys are large, well marked, bred from my 49 1-2 pound tom, are strong and hearty. Have a large range.

GEO. E. PATTON,

Morganton, N. C.

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My birds have always won at the big shows in the very hottest of competition. At the Tennessee State Fair, Sept. 21 to 27, '08, I had 11 entries, winning 4 firsts, 3 seconds and 2 thirds and special. At the Tri-State Fair at Memphis, Tenn., Sept. 28, '08, 6 firsts, 2 seconds, 3 thirds and 2 specials out of 13 entries. **DROP A POSTAL FOR CATALOGUE.** Address

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are the greatest egg producers known, one hen having laid by actual record 286 eggs in one year. One pen of 13 hens laid 2479 eggs from Jan. 4 to Sept. 30.

Eggs \$2.00, \$3.00 and \$5.00 per 15. **SATISFACTION OR MONEY BACK.**

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309 Regular and Specials.**

**\$225.00 IN CASH**

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**Knoxville, Tenn.**

**CIRCULARS FREE.**

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1, 2 ck; 2 pul; 1, 3 pen. A. P. Burkhalter, 1, 2, 3 hen. Miss M. Cantrell, 3 pul. W. R. Essex, 1 ckl. J. Childress, 2, 3 ckl; 1 pul; 2 pen. J. Early, 2 ck.

**R. C. BROWN LEGHORNS.**—W. B. Sapp, 1 hen; 1 pul; 1 ckl; 1 pen.

**BUFF LEGHORNS.**—Mrs. E. L. Wilson, 2 ck; 1, 2 hen; 1, 3 ckl; 1, 2, 3 pul; 1 pen. F. Noble, 1 ck; 2 ckl; 3 hen; 2 pen.

**S. C. ORPINGTONS.**—A. B. Carter, 2 ck; 1, 3 hen; 1 ckl; 1 pul; 1 pen; 2 ckl. A. J. Street, 3 pul. Mrs. J. A. Orman, 2 hen; 3 ckl; 3 pen. C. L. Gray, 3 ck. W. H. Puryear, 1 ck; 2 pul; 2 pen.

**WHITE WYANDOTTES.**—B. A. Hastings, 1, 3 ck; 3 pul; 2 pen. J. B. O'Brien, 2 pul. E. B. Irvan, 3 hen. Hartman Stock Farm, 2 ck; 2 hen. R. S. Guess, 2 ck; 1 pul; 3 pen. E. L. Doak, 1, 3 ck; 1 hen; 1 pen.

**GOLDEN WYANDOTTES.**—F. Laughter & Son, 1, 2 ckl; 3 pul; 2 pen. Harrison, 2 ck; 2 pul; 3 pen. C. H. Dinoho, 3 ckl. Highland Poultry Yards, 1 ck. Pines Poultry Farm, 3 ck; 1, 2, 3 hen; 1 pul; 1 pen.

**SILVER WYANDOTTES.**—Pines Poultry Farm, 3 ck; 1, 2 hen; 1 pen. Byrd Bros., 1, 2 ck; 3 hen; 1 pul; 1 pen.

**S. C. BLACK MINORCAS.**—C. H. Ledford, 3 ck; 1 hen; 2 pen. J. C. Vaughn & Co., 1 ck; 2 hen; 1 ckl; 1, 2 pul; 1 pen. S. M. Franklin, 2 ckl; A. P. Dorris, 3 pen. C. T. Moss, 3 pul. H. B. Lansden, 3 hen; 2, 3 ckl.

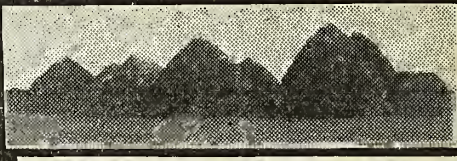
**W. F. BLACK SPANISH.**—A. N. Brown, 1, 2, 3, hen; 1, 2 ckl; 1, 2 pul; 1 pen.

**SILKIES.**—Hartman Stock Farm, 1 ck; 1 hen; 1 pul.

**HOUDANS.**—Dr. G. W. Taylor, 1, 2, ck; 1, 2, 3 hen; 1, 3 ckl; 1, 2 pul; 1, 2 pen. A. A. Chiverton, 2, 3 ckl.

**SILVER SPANGLED HAMBURG.**—J. C. Phillips, 1 ckl; 2 pen. Mrs. J. Earley, 1 ck, 1, 3 hen; 3 ckl; 1, 3 pul; 1 pen. E. E. Given, 2 hen; 2 pul; 2 ckl; 3 pen.

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Rose Comb Black Minorcas—Columbian Wyandottes  
**JOHNSON CITY, TENN.**

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has her feet on top round and only keeps the Blue Ribbon Strain S. C. White Leghorns and White Fantail Pigeons. Our Leghorns are bred to lay and they always win the blue. Pullets lay at 4½ months and score 96½ points. Twenty-five yearling hens, good ones, at \$1.50 each. Pullets by the hundred cheap, and the prettiest Fantail Pigeons you ever saw, at the lowest price—white as snow.

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**Extra Fine**

Rhode Island  
Red Pullets and  
Cockerels For

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We offer at great bargains high class birds in

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**SINGLE COMB WHITE LEGHORNS**

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**"THE QUALITY LAYERS."**

They have won the blue for years in the chief shows of the United States. They have this year won grand sweepstakes in shows where Madison Square Garden winners were entered. No bird that I have sold for exhibition this season has failed to win a prize—and I have sold many. I have eight grand yards mated, from which to sell eggs for hatching. There are no better WHITE WYANDOTTES in the world—male or female—than the breeders contained in these yards. They are the result of fifteen years of close line-breeding and individual care.

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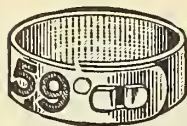
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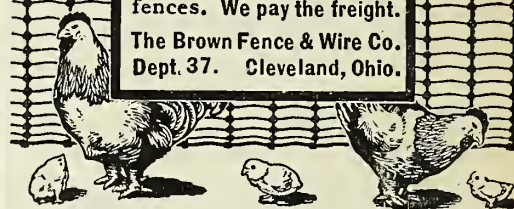
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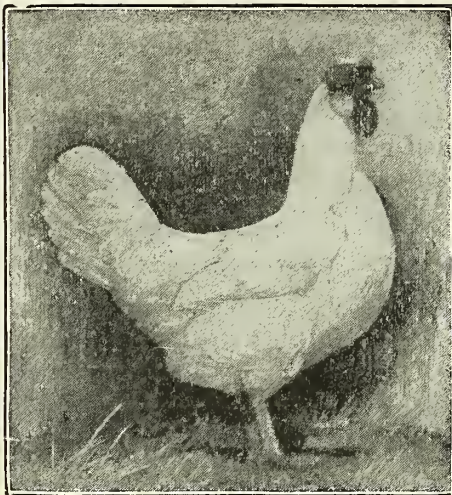
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Will sell cheap. Need the room.

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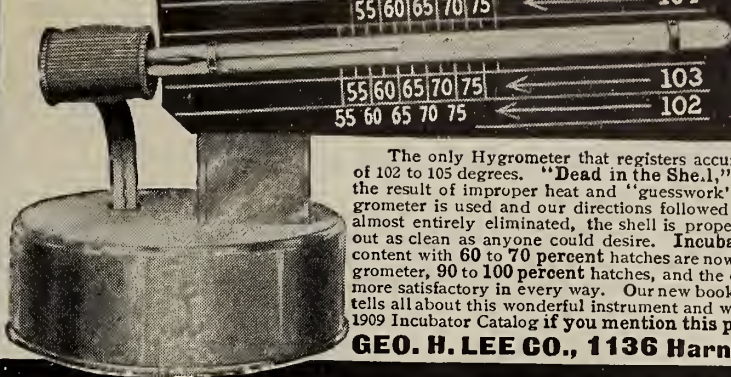
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